Lancaster Farming

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Soybeans still waiting on weather

By KENDACE BORRY

LITITZ – The weather ontinues to be a headache or soybean farmers as they y to harvest their crop etween the rain, cold, and uddy conditions that laque their fields. And hile yesterday's dry nowfall did little to damage he crop itself, it did have the ffect of again slowing down ome harvesting operations.

In Northampton County, oybean farmer David Paul, ath R2, has about 15 to 20 cres of soybeans harvested f his 38 planted. Of the crop hat is still in the field, he tated that the crop is frozen, ith a quarter inch of ice overing his plants, the esult of an ice storm. And e isn't too hopeful about the utlook.

"Some people up here aven't harvested a bean et," Paul stated. "I've eard of some who have 300 cres yet to harvest, but it ust can't be done right now. f the weather would warm p and the fields dry out, hen maybe but if we have a ad snow and it stays cold,

(Continued on Page 39)

Wentink calls for unity in farm rebuttle

COLUMBIA, Mo. – The hairman of the National Commission on Egg Nutrition (NCEN) has called or the producers of eggs, meat, poultry and dairy products to respond in a nited effort to increasing ttacks on the nutritional alue of their products. Hendrik Wentink, speaking o Missouri agricultural eaders at that state's annual Governor's Conference on griculture, November 21, rew heavily upon the experience of egg producers ttempting to "cope with the errific amount of misinformation which was being irculated by both medical nd commercial interests bout the supposed dangers of egg consumption."

He went on to say that "these unproven, unsubstantiated promises of cures and prevention have unfairly persuaded our fellow Americans to avoid or eliminate foods considered to be high in cholesterol and saturated fat, and are also the cause of a proliferation of fad diets."

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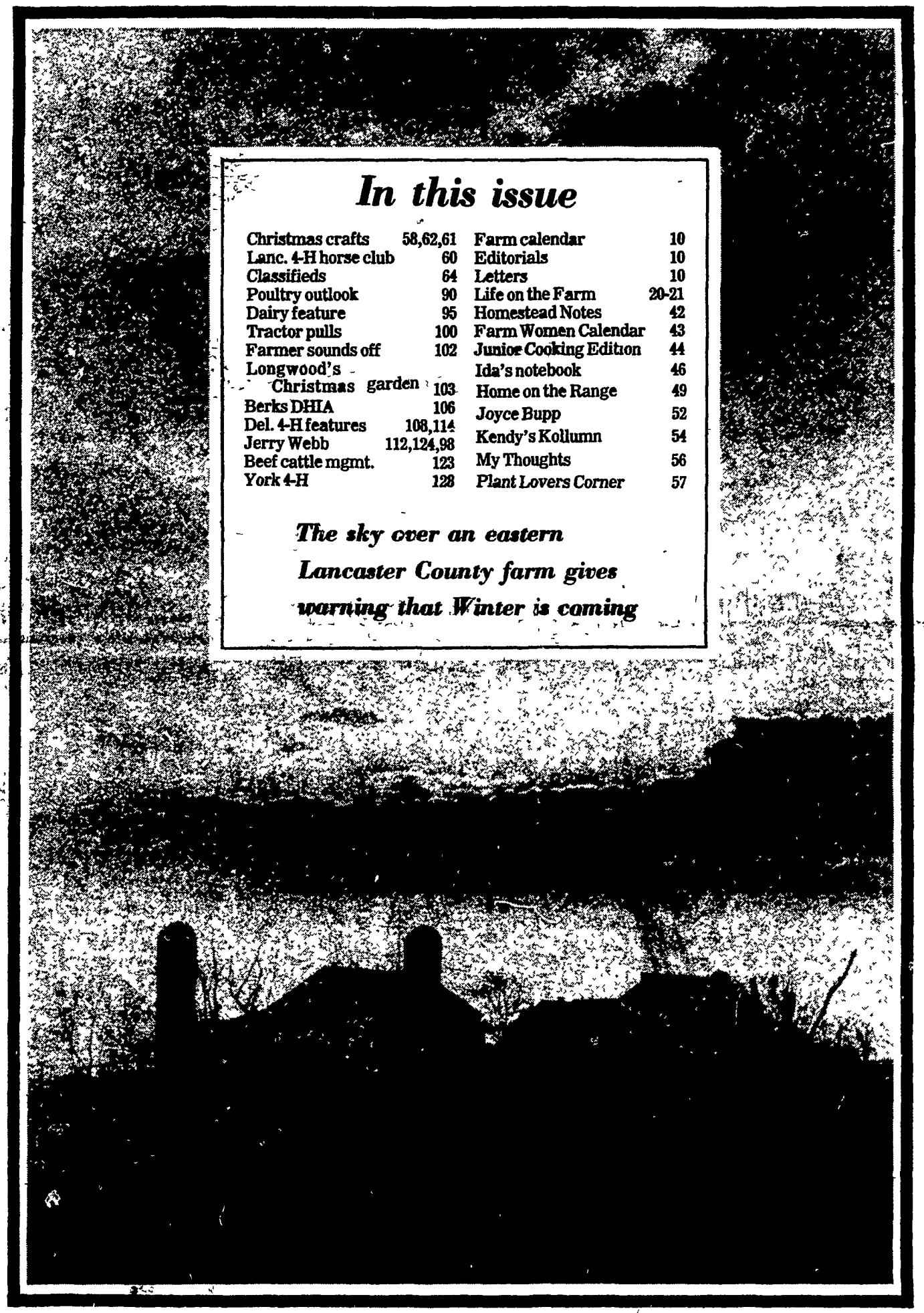

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The sky over an eastern Lancaster County farm gives warning that Winter is coming

121 Lancaster herds top 600 pounds

By DIETER KRIEG

SMOKETOWN – Leola dairyman Jonas Z. Nolt milked his way to the top of the Lancaster County DHIA list for the second time in three years, it was announced Tuesday afternoon at a recognition banquet for the association's 438 member dairy farmers.

Nolt's herd of 33 Holsteins averaged 19,349 pounds of milk and 724 pounds of butterfat, well ahead of runner-up R. Edwin Harnish of Christiana, whose 40 Holsteins pumped out an average of 17,250 pounds of milk and 716 of butterfat.

A third herd to break the prestigious 700 pounds of butterfat mark was that of Rufus G. Martin, last year's champion in the Red Rose DHIA. His herd of 26 Holsteins came out with 18,410 pounds of milk and 708 of butterfat. A year ago the Ephrata area dairyman topped the list with 19,248 pounds of milk and 713 pounds of butterfat. This year's winner, Nolt, bested his 1975 win by 133 pounds of milk and 16 of fat.

The above mentioned dairymen, while representing the cream of the crop among Lancaster County's dairymen, were only a few of the several dozen to be recognized before the luncheon crowd of an estimated 600 people. The program, which lasted nearly four hours, was held at the Good 'N Plenty Restaurant, here.

Others to win top recognition were owners of high herds for individual breeds. Nolt took the crown for the Holstein division. For Guernseys, K.D. and Else Linde of Union topped the list for the second year in a row. His herd of 48 produced 14,204 pounds of milk and 663 of butterfat. That average also stands as the highest in the state, according to unofficial previews, and honor which the "Lindenhof" herd had last year.

(Continued on Page 24)

450 acres of tobacco sold in Lanc. Co.

By JOANNE SPAHR

LITITZ – Four hundred and 50 acres of prime tobacco was purchased in Lancaster County this week at a price of 60 cents for pull off and 70 cents for unsized wrappers tied in hands.

The companies who bought the tobacco were John Berger & Son, Co., Landisville, and House of Windsor, Yoe. Doing the buying for them was Don Lefever, Manheim R1. Lefever is known for picking out top quality tobacco early in the season and finishing before other companies are completed.

This year Lefever bought his whole crop in one week, writing up contracts for as much as 300 acres on Wednesday, alone.

"I'm finished," he told Lancaster Farming in a telephone interview, on Thursday evening. "And, as far as I know, no other major companies are out in the field, yet."

At his 60/70 cent level, Lefever's price was higher than that which the other companies wanted to pay.

When asked to quote the

(Continued on Page 32)

Assessment has farmers appalled

By DIETER KRIEG

HUNTINGDON -- A reassessment of real estate in Huntingdon County for tax purposes has many of that area's farmers upset enough to want to go to court with a class action suit, and they'll be doing just that in the near future. In fact, they'll be going to court several times. The issue at stake, according to some observers, may have repercussions in every Pennsylvania county when reassessments are considered.

The heart of the dispute is that farmers feel they'll be paying more than their fair share of taxes, while nonfarmers have their tax burdens eased. According to the county commissioners, the feeling is unfounded, but days in court are forthcoming nonetheless.

Similar court actions are proceeding in Dauphin and Potter Counties.

The controversy has become bitter with tones of anger being evident on both sides. The county commissioners charge that they've been bodily threatened on numerous occasions. One of

(Continued on Page 38)

Livestock market and auction news

Lancaster Market

Lancaster, Pa.
Monday,
December 5, 1977

	Cattle	Calves	Hogs	Sheep
Today	1211	165	926	114
Last Monday	910	179	586	17
Last Year	1027	153	725	88
Monday's Auction	779	144	869	114
Last Monday's Auction	759	163	586	17

CATTLE: Compared to last Wednesday slaughter steers firm to 50 higher; cows mostly 50 lower; bullocks mostly 50 higher; bulls mostly steady, instances 25 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1055-1315 lb. 44.75-45.85, individual 46.75, few yield grade 2 46.10-46.25; Choice 2-4 920-1360 lb. 42.75-45.50; high Good and low Choice 2-3 40.85-43.10; Good 2-3 915-1545 lb. 36.00-41.00; few Standard and Good Holsteins 2-3 1080-1285 lb. 33.10-36.00.

SLAUGHTER HEIFERS: Choice 2-3 810-1235 lb. 41.75-43.25, individual yield grade 1 44.10; Good 2-3 910-1315 lb. 35.10-39.75.

COWS: Utility and Commercial 1-4 23.50-25.85, few 25.85-26.60, individual 27.35; Cutter 1-2 21.85-24.10; few Canner and low Cutter 20.00-22.25.

BULLOCKS: Choice 1-2 980-1315 lb. 40.25-42.25; Good 1-2 870-1310 lb. 36.00-40.00.

BULLS: Yield grade 1 995-1700 lb. 32.25-36.25, few 38.00-39.85; yield grade 2 910-1525 lb. 28.00-32.35.

VEAL CALVES: Vealers mostly steady.

VEALERS: Few Prime 240-260 lb. 70.00-75.00; Choice 150-200 lb. 50.00-60.00; Good to low Choice 90-110 lb. 34.00-38.00, 80-90 lb. 25.00-34.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 40.00-45.00.

SHEEP: Few Choice lambs 95-100 lb. 1.00 higher at 54.00-55.00. Few Utility slaughter ewes 15.00.

Vintage Market

Tuesday, December 6, 1977

	Cattle	Calves	Sheep
Today	958	742	27
Last Tuesday	673	780	7
Last Year	759	667	18

CATTLE: Compared to last Tuesday slaughter steers steady to 25 higher; cows steady to 1.00 lower, instances 1.50 off; bullocks limited sales steady to 50 higher; bulls steady.

SLAUGHTER STEERS: High Choice and Prime 3-4 980-1300 lbs. 45.50-47.00, few 47.10-47.50; Choice mainly 2 1020-1255 lbs. 45.00-46.85, few 47.00-47.50; Choice 2-4 940-1415 lbs. 42.85-46.00; high Good and low Choice 2-3 40.50-43.10; Good 2-3 36.00-41.00; Good Holsteins 2-3 1195-1590 lbs. 34.75-37.75; few Standard and low Good 1-2 910-1245 lbs. 28.50-35.50.

SLAUGHTER HEIFERS: Few Choice 2-4 880-1095 lbs. 39.75-42.60; Good 2-3 860-1120 lbs. 35.25-39.75.

COWS: Utility and Commercial 1-3 24.00-27.00, few 27.00-28.10; Cutter 1-2 23.00-24.75; Canner and low Cutter 20.00-23.50.

BULLOCKS: Couple Choice 1-2 1205-1285 lbs. 39.75-40.25; Good 1-2 1055-1305 lbs. 37.25-39.50.

BULLS: Yield grade 1 1040-1970 lbs. 32.85-35.75; yield grade 2 1050-1305 lbs. 29.50-32.75.

VEAL CALVES: Vealers 2.00-5.00 lower, with Choice over 200 lbs. scarce. Supply included 373 in graded sale of which 123 sold to be returned to farm.

VEALERS: Few Choice 150-270 lbs. 51.00-58.00, 130-150 lbs. 40.00-54.00; Good to low Choice 150-279 lbs. 35.00-50.00, 120-150 lbs. 32.00-44.00, 90-110 lbs. 27.50-39.00, 70-90 lbs. 20.00-33.00.

RETURNED TO FARM: 38 head Holstein heifers 84-112 lbs. 27.50-34.00; 85 head Holstein bulls 101-122 lbs. 35.00-40.50.

SHEEP: Few Choice and Prime Lambs 80-109 lbs. steady at 50.00-55.00. Few Utility and Good slaughter ewes 10.00-17.00.

Lancaster Auction

Lancaster, Pa.
Wednesday, Dec. 7, 1977

	Cattle	Calves	Hogs	Sheep
Today	937	84	1119	19
Last Wednesday	736	84	1073	16
Last Year	1373	116	1163	13
Wednesday's Auction	825	87	1162	19
Last Wednesday's Auction	554	86	1074	16

CATTLE: Compared to Monday slaughter steers uneven, Choice steady to 50 higher, Good to low Choice steady after some early sales weak to 50 lower; slaughter heifers steady to weak; cows 50-75 higher; bullocks steady to strong; bulls firm to 1.00 higher.

SLAUGHTER STEERS: Few head high Choice and Prime 3-4 1100-1250 lbs. 46.00-46.35; Choice mainly 2 1100-1300 lbs. 45.50-46.35; Choice 2-4 950-1325 lbs. 43.10-45.50; high Good and low Choice 2-3 41.00-43.50; Good 2-3 37.00-40.50; Standard 1-2 34.50-35.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lbs. 41.25-42.75; Good 2-3 800-1000 lbs. 38.00-41.00.

COWS: Utility 1-3 24.25-25.60, couple 26.00-26.60; Commercial 3-4 21.00-23.00; Cutter 1-2 22.25-24.50.

BULLOCKS: Choice 1000-1250 lbs. 40.00-41.50, few 42.00-42.75; Good 1000-1200 lbs. 35.75-40.50.

BULLS: Yield grade 1 1100-1600 lbs. 33.00-34.85, couple 35.00-35.60; yield grade 2 1000-1250 lbs. 30.75-33.75.

VEAL CALVES: Vealers steady to weak, with Good to low Choice 80-110 lbs. 3.00-5.00 lower.

VEALERS: Few Choice 170-240 lbs. 59.00-67.00; high Good and low Choice 160-210 lbs. 44.00-55.00, 90-110 lbs. 28.00-34.00.

SHEEP: Market not fully tested. One lot Choice 80 lbs. wooled lambs 52.00.

New Holland

Thurs., December 8, 1977

CATTLE: 1401. Compared to last Thursday slaughter steers uneven, Choice and Prime steady to .50 higher, Stand to low Choice steady to .50 lower; cows .50-1.00 higher, least advance on Utility; bullocks fully steady; bulls firm, instances 1.00 higher on Yield Grade 2.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1300 lb. 46.35-47.35; Choice 2-4 950-1275 lb. 43.00-45.60, few mainly Yield Grade 2 45.75-44.25; high Good and low Choice 2-3 40.00-43.50; Good 2-3 36.00-40.50; Standard 1-2 31.00-35.75.

SLAUGHTER HEIFERS: Good 800-975 lb. 34.75-38.00, few Choice 42.10-43.10.

COWS: Utility and Commercial 1-3 25.50-26.75, few 26.75-27.60; Cutter 1-2 22.75-25.00, few 25.00-25.85; Canner and low Cutter 20.50-23.00.

BULLOCKS: Good 1000-1250 lb. 33.00-36.50, few Choice 38.50-40.25.

BULLS: Yield Grade 1 1100-1600 lb. 33.25-35.00; Yield Grade 2 1000-1250 lb. 31.00-33.00.

VEAL CALVES: 550. Vealers mostly steady, although Prime absent and few head Choice 2-5.00 higher.

VEALERS: Choice 170-265 lb. 57.00-65.00, few head 72.00-77.00; Choice 110-150 lb. 44.00-55.00; mixed Good and Choice 150-250 lb. 40.00-54.00, 110-150 lb. 32.00-40.00, 90-110 lb. 24.00-32.00, 70-90 lb. 20.00-26.00.

RETURNED TO FARM: Bulk 90-110 lb. Holstein bulls 38.00-43.00, few 43.00-47.00.

SHEEP: 7. No market test.

Lancaster Weekly

Friday, December 9, 1977

	Cattle	Calves
This Week	5600	1550
Last Week	3769	1765
Last Year	4790	1565

CATTLE: Slaughter steers uneven Choice and Prime firm to 50 higher, instances 1.00 higher early part of week, Good to low Choice steady to 50 lower; slaughter heifers steady to weak; cows closed the week 50-1.00 higher; bullocks steady to 50 higher; bulls firm to 1.00 higher.

SLAUGHTER STEERS: High Choice and prime 3-4 1100-1300 lb. 45.50-47.00, few 47.00-47.50; Choice mainly 2 1000-1250 lb. 45.50-47.00; Choice 2-4 950-1325 lb. 42.75-54.75; high Good and low Choice 2-3 40.00-43.50; Good 2-3 36.00-41.00; Standard 1-2 31.00-35.75.

SLAUGHTER HEIFERS: Choice 2-3 850-1100 lb. 39.75-42.50, few head 42.75-43.25; Good 2-3 800-1050 lb. 35.00-40.00.

COWS: Utility and Commercial 1-3 24.50-26.75, few 26.75-27.60; Cutter 1-2 22.75-25.00, few 25.00-25.85; Canner and low Cutter 20.00-23.00.

BULLOCKS: Choice 1000-1300 lb. 39.50-41.50, few 41.50-42.25; Good 1000-1250 lb. 35.50-40.00, few 33.00-35.50.

BULLS: Yield grade 1 1100-1650 lb. 32.75-35.00, few head 35.00-36.25; yield grade 2 1000-1350 lb. 30.50-33.75, few 900-1050 lb. 28.50-30.50.

VEAL CALVES: Vealers 3-5.00 lower although Choice and Prime scarce.

VEALERS: Prime 240-260 lb. 70.00-77.00; Choice 150-250 lb. 52.00-65.00, 110-150 lb. 44.00-52.00; high Good and low Choice 150-240 lb. 40.00-52.00, 110-150 lb. 32.00-40.00, 90-110 lb. 24.00-34.00, 70-90 lb. 20.00-26.00.

RETURNED TO FARM: Bulk 90-110 lb. Holstein bull 35.00-43.00, few 43.00-47.00; 40 head 85-105 lb. Holstein heifers 27.50-34.00.

Carlisle Auction

Carlisle, Pa.
December 6, 1977

CATTLE 268. Compared with last Tuesday's market slaughter steers: Choice 41.10-43.50, Good 36.25-39.00, Standard 33.35-36.50, Utility 27.00-32.00. Good slaughter heifers 32.00-36.50, Standard 29.25-33.00. Utility and Commercial slaughter cows 24.00-26.35, Cutters 22.25-24.50, Canner and Low Cutter 19.85-23.00, Shells down to 17.00. Good slaughter bullocks 34.25-34.75, Standard 27.75-32.00.

CALVES 161. Choice vealers 64.50-74.50, Good 45.00-65.00, Standard and Good 110-130 lbs. 33.25-48.00, 90-115 lbs. 29.00-37.50.

HOGS 275. US No. 1-2 200-240 lbs. barrows and gilts 44.25-26.00, No. 1-3 200-245 lbs. 43.50-45.00, No. 2-3 195-250 lbs. 39.50-42.85. US No. 1-3 300-500 lbs. sows 35.00-36.50, No. 2-3 300-600 lbs. 28.50-34.00. Boars 24.00-26.00.

FEEDER PIGS 186. US No. 1-3 25-40 lbs. feeder pigs 15.00-20.00 per head, No. 1-3 30-50 lbs. 21.00-27.50 per head.

SHEEP 39. Good 70-100 lbs. wooled slaughter lambs 44.00-49.00, Utility 50-90 lbs 35.00-42.50.

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11.00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION:
12.00 Noon - Hay, Straw & Ear Corn
12.30 P M. - Dairy Sale
1:00 P.M. - Feeder Pig Sale

THURSDAY'S AUCTION:
11 00 A M. - Beef Sale
Order of Sale: Bulls, Fat Steers, Cows, Veal
4.30 P.M. - Calf Sale

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Hog Markets

Lancaster Market

Lancaster, Pa.
Monday, Dec. 5, 1977

HOGS: Barrows and gilts mostly 2.00-2.25 higher.

BARROWS AND GILTS: US 1-2 200-230 lb. 45.75-46.75; Couple lots 188 lb. 45.00-45.75; Few US 1 200-230 lb. 47.00-47.50; US 1-3 200-240 lb. 44.50-45.75; US 2-3 250-265 lb. 42.00-43.25; Few US 2-4 270-280 lb. 38.25-39.50.

Vintage Hog

Saturday, December 3
Reported 883 head.

No. 1 200-230 lbs. 45.00-46.10; No. 2-3 210-250 lbs. 43.50-45.00; sows 31.25-35.00; boars 28.25; heavystraights 265-330 lbs. 35.25-41.00; lightweights 135-175 lbs. 35.75-41.50.

Wednesday, December 7
Reported 640 head.

No. 1 210-235 lbs. 48.50-49.50; No. 2-3 210-240 lbs. 47.00-48.50; sows 31.35-35.25; boars 29.25-30.75; 1 lot heavyweights 265 lbs. 46.85; lightweights 155-165 lbs. 34.00-40.25.

Lancaster Auction

Wednesday
December 7, 1977

HOGS: Barrows and gilts mostly 2.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.75-48.50; Few US 1 210-235 lb. 49.00-49.50; US 1-3 200-240 lb. 46.50-47.50; US 2-3 230-250 lb. 46.00-46.50.

Indianapolis

Thursday, December 8, 1977

HOGS: 2500 - Barrows & gilts moderately active, 1.50-2.00 lower. US 1-2 200-230 lbs. Few early 45.25; US 1-3 200-250 lbs. 44.50-45.00.

SOWS: Active, 1.00-1.50 instances 2.00 higher. US 1-3 300-400 lbs. 34.75-35.50.

Peoria Hog Auction

Thursday, December 8, 1977

HOGS: 4000 - Barrows & gilts fairly active, opening mostly 1.00 lower than the bulk of Wednesday's sales. US 1-2 200-230 lbs. 44.50-45.00; US 1-3 200-240 lbs. 44.00-44.50.

SOWS: Steady to instances 50 lower. US 1-3 350-500 lbs. 36.50-37.00.

New Holland Hog

New Holland, Pa.
Monday, Dec. 5, 1977

	Hog Auction
Today	1652
Last Monday	1566

Trend: Compared to last Monday barrows and gilts steady to 25 higher, instances 50 up.

BARROWS AND GILTS: Few US 1-2 195-247 lb. 44.35-45.45, Few 45.50-45.85; US 1-3 193-249 lb. 43.25-44.35, Mostly 43.75-44.25; Uneven lots averaging 200 lb. 43.00; US 2-3 220-265 lb. 41.00-43.10.

Lancaster Feeder Pig

Lancaster, Pa.

Tuesday, Dec. 6, 1977

	Feeder Pigs
Today	1411
Two Weeks Ago	1613

TREND: Compared to two weeks ago feeder pigs weak to 5.00 lower, after around 300 head early steady to strong. All prices on a per hundred weight basis.

US 1-2 165 head early 35-45 lb. 86.00-90.00; 125 head 44-49 lb. 83.00-85.00, 28-55 lb. 70.00-81.00, 60-75 lb. 61.00-69.50.

US 2-3 30-50 lb. 60.50-70.00; 35 head 38-44 lb. 73.00-77.50, 50-72 lb. 56.00-62.50; 25 head 68.00-72.00.

New Holland Feeder Pig

New Holland, Pa.

Wednesday, Dec. 7, 1977

	Feeder Pigs
Today	1016
Last Wednesday	1080

TREND: Compared to last Wednesday feeder pigs 5.00-8.00 higher. All prices on a per hundred weight basis.

US 1-2 35-50 lb. 77.00-83.00, 50-65 lb. 60.00-80.00, 65-95 lb. 57.00-65.00.

US 2-3 25-45 lb. 65.00-80.00, 45-65 lb. 55.00-65.00;.

Few 65-85 lb. 47.00-55.00.

St. Louis Hog Market

Thursday, Dec. 8, 1977

HOGS: 8500 - Barrows & gilts fairly active, 1.00-2.00 lower, least decline on weights over 250 lbs. US 1-2 200-240 lbs. 45.00, about 100 head 45.25; US 1-3 200-240 lbs. 44.50 to mostly 45.00; 240-250 lb. 44.00-44.50.

SOWS: 1.00-1.50 lower. US 1-3 300-500 lbs. 35.50-36.00.

Lancaster Grain

Thursday, Dec. 8, 1977

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

The average prices quoted Thursday, Dec. 8 are as follows:

	Bid+	Offered+
Ear Corn	47.00	52.50
Shelled Corn	2.26	2.47
Barley	1.95	2.15
Oats		
Local	1.29	1.59
Western	1.80	1.96
Wheat	2.40	2.63
Soybeans	5.58	——
Soybean Meal		212.00

Futures Trading

(Closing Bids as of Thursday, December 8, 1977)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Dec.	43.40	44.10		54.00
Jan.				48.90
Feb.	41.00	39.20		
March			3.84	45.45
April	40.25	35.15	4.20	
May			4.69	43.00
June	42.00	36.70		

Trend - Cattle are higher, Hogs are higher, Potatoes are higher, and eggs are mixed.

Market Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing Bids as of Thursday, December 8, 1977)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.18	2.61¼		156.60
Jan.			6.06¾	158.30
March	2.26¾	2.71¼	6.14¾	162.10
May	2.29	2.74¼	6.18½	164.50
July	2.30	2.77	6.22½	167.00

Trend - Corn is unchanged, Wheat is mixed, Soybeans are higher, and Soybean Meal is higher.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
4 Days This Week	599,000	71,000	1,169,000	87,000
Same Period Last Week	590,000	73,000	1,256,000	89,000
Same Period Last Year	597,000	72,000	1,278,000	101,000

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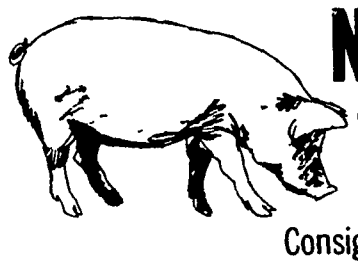

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OPEN — MON., DEC. 26 & MON., JAN. 2

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Poultry Market Reports

Weekly New York Egg Market

From Monday, December 5 to Friday, December 9

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex Large	56	61	61	66	66
Large	54	59	59	64	64
Mediums	49	54	54	59	59
Pullets	40	42	42	45	45
Peewees	25	27	27	29	29
BROWN					
Large	63	63	63	64	66
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	48	53	53	58	58
Checks	28	28	29	29	29

Tone - full steady to firm.

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N. E. Weekly Shell Egg Report

December 6, 1977

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	65-72	63-70	60-67	46-54
Mostly	66-68	64-66	61-63	47-49
NEW HAMP.	60-66	58-64	55-61	41-47
Mostly	64-65	62-63	59-60	45-46
R.I.	69-70	67-68	64-65	50-51
VERMONT	67-80	65-78	62-72	-
Mostly	69-74	67-72	64-66	-
MAINE	67-69	65-67	62-64	48-50

+Includes Central and Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	49	55
Class 2 - Large	45 lbs.	46	54
Class 3 - Medium	42 lbs.	43	47
Class 4 - Small	39 lbs.	35	40
Breaking Stock	48 lbs.	36	37
Checks	48 lbs.	30	30

Lancaster Farming

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Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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PACMA Facts

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers Association Participating poultrymen are members of PACMA, which employs a fowl marketing agent - The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl PACMA works directly with the PFA poultrymen in the program

Farm point prices prevailing for fowl to be marketed by members during the week of December 5 were 10½ to 11 at farm weight; 12½ to 13 at plant weight.

Philadelphia Eggs

December 7, 1977

Prices unchanged to sharply higher on all sizes. Demand fairly good. Offerings occasionally irregularly distributed but adequate overall. Undertone fully steady to firm.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: Store door: A Extra Lagre 53-62; A Large 52-60; A Medium 45½-54

Baltimore Eggs

December 7, 1977

Market Firm. Prices unchanged to as much as 5 cents higher. Supplies are adequate.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Grade A Large	58-67
Grade A Medium	52-61

Eastern Pa. & N.J. Poultry

December 7, 1977

Prices slightly higher on light type hens. Demand good for Ltd. offerings as producers hold for further production at current egg prices. Offerings of heavy type adequate for a good call.

Prices paid at farm: Light type hens 8-10½ mostly 9½-10;Fob. plant 12-13; mostly 12-12½.

Heavy type hens TFEWR.

Delmarva Poultry

Decmeber 7, 1977

Ready-to-cook movement continues very heavy with active bidding for additional product in most quarters. Slaughter very heavy. Todays little asking prices mostly 1 cent higher at 37 on plant and 38 on US grade A. Occasional advance interest noted booked. Live supplies ample at heavy weights . Undertone firm for current business but cautious for next week

Negotiated trucklot prices 2-3 lb. ready to cook broiler/fryers for delivery next week: US Grade A 37, Plant Grade 35-36.

Current broiler/fryer negotiated prices for immediate includes mostly multiple-drop shipments to New York City from Delmarva.

Range: US Grade A 36-38; Plant Grade 35-37; Premium X US Grade A 43.00; Premium X Plant Grade 41.00.

Wtd. Avg. US Grade A 36.91; Plant Grade 36.34; Premium X US Grade A 43.00; Premium X Plant Grade 41.00.

X - Includes special services, selected competitive brands, etc.

Hay Markets

Regional Hay

December 5, 1977

(All hay No. 2 and better, prices paid by dealers at the farm & per ton.)

Hay and Straw steady, spots stronger.

Alfalfa 80.00-100.00, Mixed hay 75.00-90.00, Timothy hay 70.00-80.00, Straw 70 00-75.00,Mulch 35.00-40.00, few 60.00.

Belleville Auction

Belleville, Pa.
December 7, 1977

Horses 160.00-177.50; dairy cows 250.00-830.00; shoats 11.50-33.00; beef cows 19.50-26.25; beef bulls 30.60-34.25; steers 27.00-33.00; lambs 45.00-55.00; hogs 42.00-47.00; calves 26.00-71.50; feeder cattle 15.50-40.00; farm calves 42.00-55.00.

Green Dragon Hay

Ephrata Pa.
December 2, 1977

Prices Per Ton: 54 lds. hay & 28 lds. straw.

Alfalfa 86.00-112.00, few 121.00, Tomothy, few 72.00-93.00, few to 125.00. Mixed hay 75.00-103.00, Clover, 3 lds. 82 00-100.00, Stubble hay, one at 76 00, Straw 99.00-127 50, one 89.00, Ear Corn, 6 loads 53 50-68.00, Corn Fodder, 3 loads 83.00-111.00

Vintage Hay

Thursday, Dec. 8

Prices per ton.

Timothy hay 103; stubble hay 91; alfalfa and orchard grass 90-99; mixed hay 84-97.

Harvey Z. Martin Hay Market

Wednesday Dec. 7
113 Loads

Alfalfa 80 to 138; Timothy 79 to 106; Clover (1 load) 82; Mixed Hay 68 to 107, 1 load 120; Stubble Hay 1 load 78; Orchard Grass 1 load 92; Oats Hay 77; Mulch Hay 75; Straw 85 to 105; Corn Fodder 59 to 73; Ear Corn (new) 53 and 55.50; Ear Corn (old) 62 and 77; Oats 1.70 per bushel.

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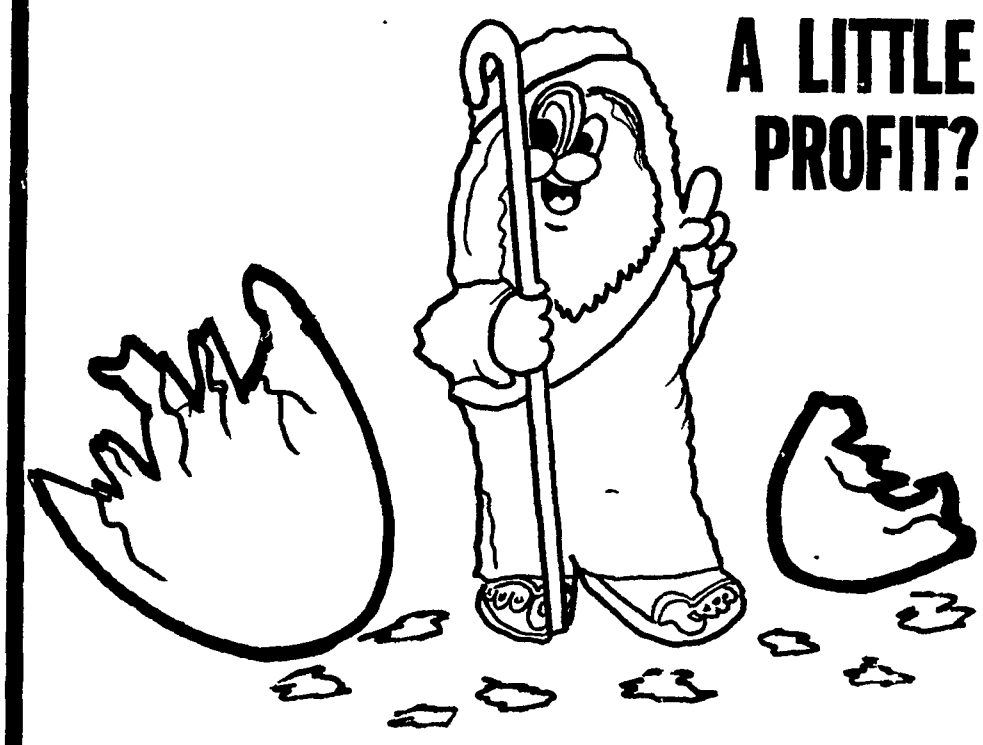

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Livestock market and auction news

Pa. Auction Summary

December 2, 1977

CATTLE 6128. Compared with 5607 head last week, and 5709 head a year ago. Compared with last week's market, slaughter steers grading Choice & Prime strong to 50 cents higher, Standard & Good steady to 75 cents lower. Slaughter heifers 50 cents to $1 lower. Slaughter cows steady to 50 cents higher. Slaughter bulls $1 higher. STEERS: Hign Choice & Prime 44.50-46.75, Choice 40.00-45.75, Good 35.00-41.00, Standard 30.00-37.00, few Utility 25.00-31.00. HEIFERS: Choice 36.00-42.00, Good 31.00-38.00, Standard 25.75-32.00, few Utility 23.25-28.00.COWS: Utility & Commercial 23.25-27.10, Cutters 22.00-25.50, Canner & Low Cutter 19.00-23.50, Shells down to 15.00.BULLOCKS: Few Choice 36.00-42.50, Good 32.00-39.00, few Standard 30.00-34.00, few Utility 24.00-31.00. BULLS: Yield Grade #1 1100-2200 lbs. 30.00-36.00; few yield grade #2 900-1500 lbs. 24.00-32.00.FEEDER CATTLE: Good & Choice 300-600 lbs. feeder steers 30.00-40.00; Good & Choice 300-600 lbs. feeder heifers 22.00-34.00; few Good & Choice 300-700 lbs. feeder bulls 26.00-32.00.

CALVES 4629. Compared with 3692 head last week, and 4677 head a year ago. Vealers $1 to $3 lower. VEALERS: Few Prime 65.00-73.00, Choice 54.00-68.00, Good 42.00-60.00, Standard & Good 110-130 lbs. 35.00-45.00, 90-110 lbs. 30.00-40.00, Standard 70-90 lbs. 25.00-33.00, Utility 50-110 lbs. 15.00-30.00. Farm calves, holstein bulls 90-120 lbs. 33.00-54.00; holstein heifers 90-120 lbs. 33.00-53.00.

HOGS 5827. Compared with 6748 head last week, and 5397 head a year ago. Barrows & gilts $1 higher. BARROWS & GILTS: US No. 1-2 200-240 lbs 43.00-45.00, No. 1-3 200-250 lbs. 41.50-44.00, No. 2-3 190-250 lbs. 39.00-42.00, few No. 2-4 260-290 lbs. 38.00-40.50, few No. 1-3 130-180 lbs. 30.00-39.25. SOWS: US No. 1-3 300-575 lbs. 32.00-38.00, few No. 2-3 375-600 lbs. 28.00-32.00. Boars 20.00-28.00.

FEEDER PIGS 921. Compared with 2017 head last week, and 937 head a year ago. Feeder pigs $1 to $3 higher per head. US No. 1-3 20-35 lbs. feeder pigs 9.00-26.00 per head, No. 1-3 35-50 lbs. 20.00-32.00, few No. 1-3 50-60 lbs. 30.00-37.50 per head.

GRADED FEEDER PIGS 2672. Compared with 2793 head a week ago. All sales cwt. Feeder pigs 40 lbs. & down mostly $3 to $8 lower. 40 lbs. & above mostly $1 to $6 higher. US No. 1-2 30-40 lbs. 69.00-83.00, 40-50 lbs. 72.00-85.00, 50-75 lbs. 64.00-85.00; No. 2-3 30-40 lbs. 63.00-81.00, 40-50 lbs. 64.00-82.00, 50-75 lbs. 72.00-84.00, No. 3 30-45 lbs. 60.00-63.00, 55-70 lbs. 45.00-59.00, Utility 30-65 lbs. 40.00-60.00.

SHEEP 309. Compared with 373 head last week, and 453 head a year ago. Wooled slaughter lambs $1 to $2 higher. Choice 65-110 lbs. wooled slaughter lambs 48.00-55.00, Good 60-100 lbs. 46.00-52.00. Few Slaughter ewes 9.00-17.00.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 5

Reported receipts of 339 horses and ponies. Market steady with last week's market.

Load of driving out of Tennessee 360-535; load of driving out of Illinois 430-835; driving horses 150-570; riding horses 150-300; better horses 325-500; lightweight killers 22-26; heavyweights 28-32; mares 15-55; colts 10-20; geldings 15-50; larger ponies 65-170.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, December 5

Reported receipts of 342 calves, 107 cows, 45 hogs, 52 heifers, 24 lambs, 20 bulls, and 16 steers. Cattle market higher and calf market steady.

Veals 50.00-60.00; bobs; 90 to 110 lbs. 31.00-36.00; bobs, 80 lbs. and down 25.00-29.00; grassers and feeders 24.00-32.00; lambs 40.00-57.00; sheep 12.00-20.00; hogs, 200 to 250 lbs. 39.00-41.00, top 44.00; sows 27.00-32.00; boars 20.00-22.00, pigs 12.00-28.00; heifers 24.00-31.75; steers, good 30.00-33.50; steers, common 23.50-25.00; bulls 26.00-32.75; cows, good 24.50-25.50, top 27.50; cows, medium 23.00-24.00; cows, poor or small 16.00-21.00; goats 10.00-25.00.

Chambersburg Auction

Chambersburg, Pa.
December 1, 1977

CATTLE 451. Supply included 325 slaughter cows. Compared with 2 weeks ago market; few High Good to Low Choice 42.25, Good 37.85-40.50, few Standard 34.75-38.25. Few Choice slaughter heifers 35.60-38.85. Utility & Commercial slaughter cows 23.25-25.50, few to 26.00, Cutters 23.00-25.10, Canner & Low Cutter 19.50-23.50, Shells down to 17.00. One Standard slaughter bullock at 33.00, few Utility 27.00-31.85. Yield Grade #1 1300-2200 lbs. slaughter bulls 33.00-36.35. Few Choice 400-550 lbs. feeder steers 38.00-42.50.

CALVES 738. Choice vealers 57.50-67.50, few to 69.50, Good 46.00-60.00, Standard & Good 110-130 lbs. 37.00-45.00, 90-110 lbs. 28.00-34.50, Standard 70-90 lbs. 27.00-31.50, Utility 50-100 lbs. 12.00-25.00. Farm calves, holstein bulls 90-120 lbs. 120 lbs. 32.00-48.00, few to 52.50; holstein heifers 90-120 lbs. 32.00-48.00, few to 52.50.

HOGS 95. One lot US No. 1-2 210 lbs. barrows & gilts 44.25, No. 1-3 210-250 lbs. 41.50-43.00, few No. 2-3 265-275 lbs. 39.00-40.85. Few US No. 1-3 300-550 lbs. sows 31.00-34.00.

FEEDER PIGS 41. US No. 1-3 20-35 lbs. feeder pigs 15.50-25.50, one lot No. 1-3 50 lbs. 31.00 per head.

SHEEP 37. Choice 90-100 lbs. wooled slaughter lambs 52.00-53.00, few 30-40 lbs. 58.00-62.00. Few Slaughter ewes 13.75-41.50.

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We Will Receive Your Pigs Anytime
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NOTICE
50 Head Two and Three Way Cross Bred Gilts to be sold Wednesday, December 14 at Feeder Pig Sale. Jonathan Lapp, Owner.
Calf Sale To Be Held In New Sales Pavilion
Every Thursday At 4:30 P.M.
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For a period of 53 weeks!

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Livestock market and auction news

Sechrist Auction

Stewartstown, Pa.
December 5, 1977

CATTLE 100 Steers - High Choice and Prime none; Good Choice 39.00-41.85; Good 37.00-40.50; Standard Good 32.00-36.50; Holsteins Good none; Standard to Good 27.00-31.50. Heifers - High Choice and Prime none; Good to Choice 37.00-39.50; Good 34.00-37.00; Standard Good none; Holsteins Good 27.00-32.75; Standard Good 25.00-28.50. Feeder Steers - Good and Choice none; Standard to Good 28.00-33.50; Utility 25.00-30.00; Bulls - Good and Choice Commercial 29.00-33.50; Standard to Good 27.00-31.50; Utility to Standard 25.00-28.00. Cows - High Yearling Commercial 26.00-28.25; Cutters 25.00-27.10; Canners Low Cutters 23.00-24.75; Shells 18.00-24.00.

Calves 156 Calves - Choice and Prime 70.00-76.00; Good and Choice 55.00-65.50; Standard and Good 45.00-55.00; Utility to Good 110-140 lbs. 35.00-50.00; Utility 90-110 lbs. 28.00-34.50; Culls 15.00-28.00.

HOGS 192 Hogs - U.S. No. 1 and 2, 190-220 lbs. 43.00-44.50; U.S. No. 1 and 3, 200-230 lbs. 42.50-43.00; U.S. No. 2 and 3, 180-250 lbs. 41.00-42.25. Sows - 250-375 lbs. 30.00-34.50; 400-500 lbs. 28.00-32.00. Boars 300-500 lbs. 23.00-27.50.

SHEEP 14 Lambs Good to Choice 45.00-55.00; Medium and Good 30.00-44.50. Ewes 10.00-16.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 190-215 lbs. 42.75-43.50.

Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. 42.00-42.50.

Private Treaty Fat Hogs, No. 2 and 3, 200-250 lbs. 40.00-41.75.

Joliet Cattle

December 8, 1977

CATTLE: Friday through Wednesday's salable receipts 7,650, 5 days last week 9,124, same period last year 11,254. Light mid-week receipts due to poor weather and road conditions. At mid-week slaughter steers and heifers 25 to 50 higher than Wednesday of last week.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1300 lbs. 43.25-44.00 Monday, 44.00-44.75 Wednesday. Choice 2-4 1050-1200 lbs. 42.00-43.50 Monday, 43.00-44.00 Wednesday. Choice 2-3 950-1050 lbs. 40.00-42.00 Monday. Mixed Good and Choice 2-3 900-1200 lbs. 39.00-41.00 Monday, 41.00-43.00 Wednesday. Some good Holsteins 2 1200-1400 lbs. 33.50-35.00 Monday.

SLAUGHTER HEIFERS: Choice, few prime 2-4 900-1050 lbs. 39.50-41.00 Monday, 41.00-42.25 Wednesday. Choice 2-3 850-950 lbs. 38.00-40.00. Mixed Good and Choice 2-3 700-1000 lbs. 36.50-39.00 Monday, 39.00-41.00 Wednesday.

COWS: Utility & Commercial 22.50-24.00.

G & M Livestock Market

Duncansville, Pa.
December 5, 1977

Steers: Good to choice 40.10-42.80; standard to good 38.00-42.00; others 30.00-38.00.

Heifers: Good to choice 34.00-39.85; other 24.00-34.00.

Feeder Steers: Standard to good 28.00-32.00; others 24.00-28.00.

Bulls: 1000 to 1600 lbs. 32.00-36.00; 900 to 1200 lbs. 28.00-32.00.

Cows: High choice 25.00-28.00; good to standard 23.00-25.00; utility 21.00-23.00; cutters 19.00-21.00; shells down to 18.00.

Calves: High to choice 62.00-68.00; good to choice 54.00-62.00; standard to good 30.00-54.00; farm bull calves 42.00-52.00; farm heifer calves 40.00-48.00.

Hogs: 200 to 240 lbs. 43.00-45.00; 190 to 240 lbs. 40.00-43.00.

Sows: 300 to 500 lbs. 33.00-37.00.

Sheep: Yearlings, 24.00-42.00.

Lancaster Feeder Cattle

Lancaster, Pa.
Friday, Dec. 2, 1977

	Feeder Cattle
Today	518
Last Friday	461

TEND: Compared to two weeks ago feeder steers 50-1.00 higher. Majority of cattle sold in lots of three or less.

FEEDER STEERS: Choice 340-895 lb. 37.35-39.10; mixed Good and Choice 380-1100 lb. 34.50-38.00; Good 780-905 lb. 31.50-34.75; Good Holsteins 615-825 lb. 30.50-30.75.

FEEDER HEIFERS: Lot Choice 380 lb. 31.00; lot Mixed Good and Choice 565 lb. 26.50; couple lots Good 380-500 lb. 25.50.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 7

Reported receipts of 139 cows and 87 heifers. Market steady with last week's market.

Load of Pa. fresh 650-850; load of N.Y. fresh 650-850, springers 640-775; load of Pa. fresh 600-1125; load of Wisconsin fresh 710-870; load of Pa. fresh 635-750, springers 590-890; local cows 475-830; springing heifers 475-675; open heifers 140-330; bred heifers 375-580; herd dispersal, 28 head in all stages of lactation 400-865.

Baltimore USDA

December 5, 1977

CATTLE 500: Slaughter steers $1.00 higher, not enough slaughter heifers for a market test, cows steady to 50 higher.

SLAUGHTER STEERS: Ch & Pr 2-4 1000-1300 lbs. 41.00-43.00; Good & Choice 2-4 39.00-40.50.

COWS: Utility 2-3 23.00-25.60; Commercial 3-4 20.60-23.00; Cutter 1-2 20.00-22.60.

BULLS: Yield grade 1-2 1000-1400 lbs. 32.00-34.00.

HOGS 1000: Compared to Wednesday Barrows & Gilts 50 cents higher, US 1-2 200-240 lbs. 42.50-43.00, US 2-3 230-260 lbs. 42.00-42.50.

SOWS: Steady, US 1-3 300-600 lbs. 31.50-32.00 few at 32.25.

Des Moines Carlot

December 7, 1977

Compared to Tuesday's close fresh pork cut trade closing moderate, demand moderate. Fresh loins steady to 3.50 higher; picnics 2.25 higher; boston butts no comparison available; skinned hams 1.00-2.50 higher; bellies steady.

Fresh Pork Cuts

Loins 14/dn. lbs. 87.75 load 88.75; 3.00-3.50 higher; 14-17 lbs. 86.75-87.75 3.50 higher; 17-20 lbs. 76.00 1.00 higher; 20& up lbs. 68.50 steady. Picnic 4-8 lbs. 48.75 2.25 higher. Boston butt 4-8 lbs. 59.50. 8&up lbs. 55.50. Spareribs No Sales Reported. Skinned Hams 17-20 lbs. 106.00-106.75 1.75-2.50 higher; 20-26 lbs. 98.00 mostly 1.00 higher; 26& up 83.00-84.00 1.00-1.50 higher. Bellies, sdls 8-10 lbs. 44.00; 10-12 lbs. 44.50-45.75 steady; 12-14 lbs. 45.50-46.50 steady; 16-18 lbs. 43.25; 18-20 lbs. 41.00-41.50 steady; 20-25 lbs. 32.50; Jowls 25.00 fresh. Offal & Variety Pork feet 17.00; Chuck meat 57.50.

Compared to Tuesday's close beef trade closed moderate to slow. Demand moderate to light. Choice 3 steer beef .50-1.00 higher. Choice 3 heifer beef steady. Primal beef cuts, steer rounds steady. Comparable cow beef sales. Sales reported on 34 loads of carcass beef.

Steer Beef

Choice 3 500-900 lbs. 66.75-67.75 mostly 67.25-67.75 50-1.00 higher; Choice 2 500-800 lbs. 68.50-68.75.

Heifer Beef
5 Loads

Choice 3 500-700 lbs. 65.25; Choice 2 550-700 lbs. 66.75 load.

Cow Beef

Utility (bng) 2-3 47.00 part load; Canner & Cutter (nthrn) 50.00 part load. Boneless Processing Beef 90 per cent chemical lean (frozen) 73.00-74.00 90 per cent chemical lean (fresh) 72.00; 75 per cent chemical lean (fresh) 55.50.

Choice 3 PRIMAL Beef Cuts
13 Loads

Fores 130-210 lbs. 58.00; Arm Chucks 75-120 lbs. 50.25-52.00, mostly 51.25-51.50; Ribs (Trimmed) 24-30 lbs. 113.75; Rounds (Steer) 35-70 lbs. 73.75 steady; Loins (Trimmed) 40-70 lbs. 101.75; Arm Backs 67.00-67.50; Beef Trimmings 50 per cent lean (Fresh).

THE OLD FARMER'S ALMANAC

DEC. 12-18, 1977

Expect chilled nose and toes.

Don't forget to feed the birds . The Wright brothers flew at Kitty Hawk Dec 17, 1903 First quarter of the moon Dec 17 Look for shooting stars this week Average length of days for the week, 9 hours, 5 minutes Battle of the Bulge began Dec. 16, 1944

Bad neighbors count a man's income, but not his expenses

Ask the Old Farmer: Can you clear up the meaning and origin of the familiar saying "a chip on his shoulder"? R K, Youngstown, Ohio

It was a variety of challenge The probable beginning was when a knight hung his shield on a post, which meant that he dared anyone to strike it If anyone did, a fight followed Same with the chip

Home Hints: Fix sticking drawers by rubbing soap on wooden slides

OLD FARMER'S WEATHER FORECASTS

New England: Partly sunny, very cold with light snow through Friday, weekend is milder with some light snow

Greater New York-New Jersey: Partly cloudy and cold for most of week, week's end is seasonal, sunny with some light showers

Middle Atlantic States: Very cold with light snow through Friday, remainder of week brings some sun and warming

Piedmont & Southeast Coastal: Cloudy, cold, showers east, flurries west until Friday, weekend is clear and mild

Florida: Fair and cold, freeze north through Wednesday, clear with frost for the weekend

Upstate N.Y.-Toronto & Montreal: Very cold, fair, but light snow in north and west for the week

Greater Ohio Valley: Light snow and very cold through Thursday, partial clearing and warmer for remainder of week

Deep South: Week starts with light showers, snow north, then cold and hard frost for midweek, Sunday brings sun and warm spell

Chicago & Southern Great Lakes: Very cold with light snow through Thursday, sunny weekend promised

Northern Great Plains-Great Lakes: Cold with light snow through Thursday, week's end is sunny and less cold

Central Great Plains: Cold snap with light snow through Thursday, weekend is milder

Texas-Oklahoma: Cold snap and cloudy throughout week

Rocky Mountain: Sunny and cold with snow south for the week

Southwest Desert: Cloudy and warm through Friday, rain west, cloudy east with seasonal temperatures for week's end

Pacific Northwest: Cloudy south, partly sunny north through Friday, fairly heavy rain, milder with snow east for remainder of week

California: Sunny and warm until Wednesday, then clear north, cloudy south at midweek, week's end brings heavy rain, snow north in mountains

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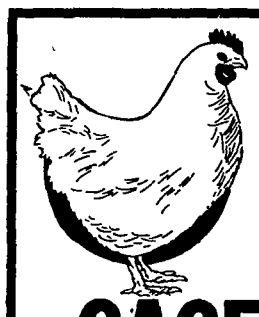

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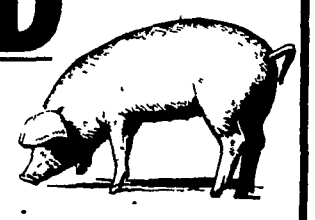

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Livestock market and auction news

Peoria Auction

Peoria, Illinois
December 8, 1977

CATTLE: Receipts this week: 6000 Last Week: 7700 Year Ago: 6900

Compared with last week's close, slaughter steers steady to 50 higher. Slaughter Heifers 1.00 higher. Cows 50-1.00 lower. Bulls weak to 50 lower. Receipts about 65 per cent Slaughter Steers 30 per cent Slaughter Heifers, balance mostly Cows. Slaughter Steers and Heifers worked sharply higher at mid-week due to weather curtailed receipts.

SLAUGHTER STEERS: Choice and Prime 3-4 1100-1225 lbs. 42.25-43.50; Couple Loads at mid-week 44.25-44.75; Choice 2-4 950-1200 lbs. 41.00-42.25, Late 42.50-43.25; Mixed Good and Choice 2-4 900-1250 lbs. 39.50-42.50; Good 2-3 38.00-39.50.

SLAUGHTER HEIFERS: Choice and Prime 3-4 900-1050 lbs. 39.50-40.25, Load 40.75; on Wednesday 41.50-42.00; Choice 2-4 850-1050 lbs. 38.00-39.50; Closing 40.00-41.50; Mixed Good and Choice 2-4 750-1000 lbs. 37.00-40.00 Good 2-3 33.50-37.00.

COWS: Utility and Commercial 2-4 21.00-23.50; Few 24.00-24.50; Cutter 1-2 19.00-21.00; Canner 17.00-19.00; Few Lightweight 15.00-16.00.

BULLS: Yield grade 1-2 1100-1700 lbs. 27.00-30.00; Few Yield grade 1 31.00-31.50; Few 1000-1100 lbs. 24.00-26.00.

Middleburg Auction

Middleburg, Pa.
December 6, 1977

CATTLE 317. Compared with last Tueday's market, slaughter steers: Choice 43.50-45.35. Good 38.50-43.50, Standard 35.00-38.50, Utility 32.00-35.00. Good slaughter heifers 38.00-42.60, Standard 34.00-38.00, Utility 25.00-34.00. Utility and Commercial slaughter cows 24.00-26.50, few to 27.00, Cutters 23.00-24.30, Canner and Low Cutter 20.00-23.00, Shells down to 15.00. Good slaughter bullocks 35.75-39.25, Standard 32.50-35.75, Utility 30.00-32.50. Yield Grade No. 1, 1000-2000 lbs. slaughter bulls 34.00-39.60, Yield Grade No. 2, 900-1600 lbs. 30.00-33.75.

CALVES 255. Prime vealers 70.00-74.50, Choice 60.00-70.00, Good 55.00-60.00, Standard and Good 110-130 lbs. 38.00-55.00, 90-110 lbs. 32.00-45.00, Standard 70-90 lbs. 30.00-32.00. Farm Calves: Holstein bulls 100-115 lbs. 45.00-53.00.

HOGS 618. US No. 1-2 200-230 lbs. barrows and gilts 44.00-45.35, No. 2-3 190-250 lbs. 43.00-44.00, No. 2-4 200-300 lbs. 42.50-43.10. US No. 1-3 390-505 lbs. sows 30.00-38.75, No. 2-3 230-240 lbs. 22.00-28.00. Boars 400-750 lbs. 24.00-25.00, few at 26.00.

FEEDER PIGS 253. US No. 1-3 15-20 lbs. feeder pigs 13.00-22.00 per head, No. 1-3 20-35 lbs. 22.00-33.00, No. 1-3 40-60 lbs. 34.00-40.00 per head.

SHEEP 0.

East Coast Carlot Meats

Princeton, New Jersey
December, 7, 1977

Compared to Tuesdays close: Demand and commitment moderate on beef, good on fresh pork loins. Choice 3 steer beef steady to .50 higher. Prime special fed veal fully 1.00 higher. Good and Choice boning Veal steady to 2.00 higher. Lamb compared to last week steady to 2.00 higher. Fresh pork loins 3.00-3.25 higher.

Steer Beef
17 Loads

Choice 3 selected 600-700 lbs. 70.75-71.25 steady; 3 600-800 lbs. 70.25-70.75 steady to .50 higher; 4 600-900 lbs. 67.50 late yeasterday steady.

Cow Beef
3 Loads

Utility brkg. 3-4 part load 46.00; Utility bng. 1-2 450 lbs. up load 51.00; Canner-Cutter 1-2 400 lbs. up 49.00-54.50.

Choice 3, Primal Beef Cuts
9 Loads

Steer Hinds 145-190 lbs. 81.00-82.00; Arm Chucks 90-130 lbs. 53.75-55.50 generally steady; Arm Backs 100-150 lbs. 70.00-70.50; Rounds, steer 60-85 lbs. 78.00-80.00.

Lamb Carcass, Choice and Prime 3-4
19 Loads

Compared to last week; 55 lbs. down 109.00-112.00- bulk 110.00 steady to 2.00 higher; 55-65 lbs. 105.00-106.00; steady to .50 higher; 65-75 lbs. 102.00-103.00 1.00 higher.

Fresh Pork Cuts

Loins 14 lbs. down 91.00; 14-17 lbs. 90.00 load 91.00 3.00-3.25 higher. Skinned Hams 26 lbs. up load 86.00.

Cured and Processed Meats
9 Loads

Semi-boneless hams 121.00; Boneless hams 13-17 lbs. 135.00; Franks 70 beef, 30 pork No. 1 pack 62.00; Bologna 70 beef, 30 pork No. 1 pack 68.00.

Boneless Beef
3 Loads

90 per cent chemical lean, frozen 76.00-77.00; 85 per cent chemical lean, fresh 69.00 load.

Veal Carcass
Hide On

Prime (Special fed) Mixed kosher and non-kosher 180-250 lbs. 109.00-111.00 1.00 higher. Good and Choice boning type Northeaster suppliers 65-75 lbs. 50.00 ltd 48.00 all generally steady; 55-64 lbs. 48.00 ltd. 46.00; 45-54 lbs. 46.00 lts. 42.00; 35-44 lbs. 44.00 ltd. 42.00; 34 lbs. down 42.00 ltd. 40.00.

Midwest and west coast suppliers 70-80 lbs. 54.00-56.00; all steady to 2.00 higher; 60-70 lbs. 52.00-54.00; 50-60 lbs. 50.00-52.00; 40-50 lbs. 48.00-50.00; 30-40 lbs. 46.00-48.00.

Oklahoma Cattle

December 8, 1977

Thursday Feeder Cattle Auction.

Estimated receipts 7500, same day last week 7973.

Fairly active; feeder cattle over 600 lb. steady, offerings under 600 lb. steady to .50 lower; majority of receipts choice 350-750 lb. feeder steers and 350-600 lb. feeder heifers; moderate attendance of buyers.

FEEDER STEERS: Choice 300-500 lb. 44.00-47.25; 500-600 lb. 42.00-44.75; 600-700 lb. 40.00-42.50, part load 610 lb. at 43.30; 700-800 lb. 39.25-41.50; part load 822 lb. at 39.90; Mixed Good and Choice 300-500 lb. 39.00-43.75; 500-600 lb. 39.00-41.50; two part loads 600-652 lb. 39.25-39.50; Good 300-500 lb. 35.00-37.25; 500-850 lb. 35.00-36.50.

FEEDER HEIFERS: Choice 300-600 lb. 35.00-38.00, part load 509 lb. 38.50; 600-750 lb. 34.75-36.25, small lot 641 lb. at 37.70; Mixed Good and Choice 300-650 lb. 33.50-35.00, Good 300-775 lb. 30.00-33.00.

FOR THE WEEK: Compared to late last week feeder cattle over 600 lb. closed firm to .50 higher, instances $1.00 higher; feeder cattle under 600 lb. closed steady to weak instances .50 lower; cows closed firm to .50 higher, late sales utility and commercial 2-3 23.75-27.50, cutter 1-3 21.50-24.50; bulls closed near steady: late sales yield grade 1-2 1000-1700 lb. 28.00-33.00; salable receipts near 19,300 head, compared to 21,103 last week and 21,185 the comparable week a year ago. Cows and bulls numbered near 2600 head and comprised 13 percent of cattle receipts, feeders near 87 percent of total.

Lebanon Valley Auction

Fredericksburg, Pa.
December 6, 1977

CATTLE 340. Compared with last Tuesday's market, slaughter cows grading Utility and Commercial $1.25 to $2 lower, Canner and Cutter steady to $1.50 lower. Couple High Choice slaughter steers at 46.50, Choice 975-1275 lbs. 2-4, slaughter steers 42.75-45.50, few High Good to Low Choice 41.75-42.75, Good 37.85-41.25, few Standard 33.25-37.35. Choice slaughter heifers 37.25-39.35, few High Choice and Prime 40.85-41.60, Good 34.25-37.25, few Standard 32.50-33.75. Utility and Commercial slaughter cows 22.85-25.75, couple to 26.35, Cutters 23.00-25.50, Canner and Low Cutter 20.25-23.50, Shells down to 16.75. Few Good slaughter bullocks 32.60-37.00, few Standard 30.50-32.85, few Utility 28.10-30.00. Few Yield Grade No. 1, 1150-1650 lbs. slaughter bulls 32.00-35.85.

CALVES 303. Vealers grading Standard and Good 70-110 lbs. $1.50 to $4 lower. Individual Prime vealer at 69.50, Choice 56.00-65.00, Good 40.50-50.00, few Standard and Good 110-130 lbs. 38.00-43.00, 90-100 lbs. 28.00-35.00, Standard 70-85 lbs. 21.00-28.50, Utility 50-100 lbs. 10.00-20.00. Farm Calves: Holstein bulls 90-120 lbs. 32.50-44.00, Holstein heifers 85-100 lbs. 25.00-40.00, few 115-125 lbs. 42.00-57.00.

HOGS 510. Barrows and gilts $3 higher. US No. 1-2 200-240 lbs. barrows and gilts 45.50-46.10, lot 46.25, No. 1-3 200-245 lbs. 45.00-45.85, No. 2-3 240-260 lbs. 43.10-44.10. US No. 1-3 300-575 lbs. sows 33.00-35.75, couple 37.25.

FEEDER PIGS 50. US No. 1-3 35-50 lbs. feeder pigs 20.00-28.50 per head.

SHEEP 9. Few Choice 100-120 lbs. wooled slaughter lambs 50.00-56.50. Few Slaughter ewes 12.00-17.00.

St. Louis Cattle

National Stockyards
December 8, 1977

Receipts this week 8,500: week ago 8,400: year ago 8,500.

Compared to last weeks close, slaughter steers and heifers .50-1.00 lower. Cows steady to .50 lower. Bulls steady. Supply near 40% slaughter steers, 20% heifers and fully 20% cows, balance mainly feeders.

Larger than normal receipts on Monday were followed by reduced numbers thereafter, the result of a heavy and blowing snowstorm over much of the area late Monday.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1225 lbs. on Monday 42.00-42.75, mostly 42.50-42.75, part load 43.00. Choice 2-4 950-1250 lbs. 40.50-42.50, bulk 40.50-42.00. Mixed Good and Choice 2-4 900-1225 lbs. 39.00-41.00. Good 2-3 900-1200 lbs. 35.50-39.00. Scattered loads and lots of Mixed Good and Choice 2-3 1125-1325 lb. Holsteins 36.00-37.25. Standard to Good 2-3 975-1275 lb. Holsteins 34.00-36.00, few Standard 32.00-34.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1025 lbs. 39.50-40.00, part load 40.25, load 1025 lbs. 40.50. Choice 2-4 800-1050 lbs. 38.00-39.50. Mixed Good and Choice 2-3 700-1000 lbs. 36.50-38.00. Good 2-3 700-975 lbs. 33.50-36.50.

COWS: Utility and Commercial 2-4 23.00-24.50. Boning Utility 1-2 24.50-25.00. Cutter 1-2 21.00-24.00, mostly 21.50-23.50. Canner and low Cutter 1-2 18.00-21.00.

BULLS: Yield Grade 1-2 1050-1700 lbs. 26.00-29.00.

FEEDERS: Including around 2,000 at regular Thursday auction. Feeder steers 1.00-2.00 lower, instances 3.00 lower on weights under 500 lbs. Feeder heifers .50-1.00 lower. Buyer attendance smaller than normal due to adverse weather and icy road conditions. Supply mostly Choice and mixed Good and Choice 400-800 lb. steers and 300-600 lb. heifers.

(Continued on Page 12)

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EDITORIAL COMMENTS

By DIETER KRIEG, EDITOR

Inspirational words are always timely

A fellow by the name of Karl Kettering, who works as an account executive for WBYO radio, Boyerstown, gave a talk at recent Harvestore meetings and his remarks merit repeating.

Designed for physical, mental and spiritual motivation," Kettering's 25-minute speech was entitled "Six Steps Up."

Although many people possess the qualities Kettering talked about, even the strongest personalities have their downfalls from time to time. At any rate, the subject is a refreshing note at any time.

Opportunity is the first of the six steps Kettering listed in his formula for motivation. "There is no such thing as a business failure," he remarked, "it's people failure." Success depends on taking full advantage of opportunities, and "success is not a destination, it's a journey," he continued.

Step 2 is the establishment of goals and avoiding the negative influences of others who may say it can't be done. The famed distance runner, Roger Bannister, was repeatedly told and even warned that running a mile in less than four minutes would be detrimental to the body "It couldn't be done," the medical authorities said "But Bannister did it anyway, and shortly thereafter many more did it," Kettering recounted

In another example, the account executive told how the bumble bee should not be able to fly, according to known aerodynamic principles. The bumble bee's wings are too frail, and his body too heavy. But it flies anyway. Kettering believes the same can be true of human accomplishments if a person sets his goals and sticks with it.

A positive attitude is next in order. "You reap what you sow," affirms, Kettering "Sow positive, you reappositive."

The powerful force behind the drive to accomplish a goal is enthusiasm. A person is dead without it, Kettering says. Enthusiasm sparks its owner, it's contageous and it primes the fifth step up, which is the will to work.

Work might be considered a dirty four-letter word by some, but to others it's the greatest privilege a man can have. "Not just an eight-hour day, but 10, 12, 16 hours," Kettering adds.

As good with humor as he is with delivering a serious message, Kettering told the story of a man who was asked how long he worked for his company.

"Ever since they threatened to fire me," came the reply.

Kettering emphasizes "You must put in before you get anything out. You must keep on pumping, don't quit. The words struck home, as he added appreciative notes of the farmer's struggles and labors. He considers the farmer to be the best example of the six steps working.

The sixth step is desire. According to Kettering it's the quality which makes all men equal. Skin color, religion, ethnic background, rural or urban upbringing, education, and other factors make no difference here. Either you have it or you don't. It's inside what counts, and that's what makes you go up, the speaker challenged.

Although Kettering's message isn't anything we haven't heard before somehwere, it was well presented and is never out of date.

Recognizing opportunity, setting goals, having positive attitudes and enthusiasm, being willing to work, and desiring to succeed, these are the qualities we must continually cultivate. That's especially true since so many forces are at work in society and government which threaten and indeed do tear these qualities down. That's why Kettering's comments bear repeating here

Too often we hear tones of a different nature: "we can't -- Uncle Sam should do more for us." That might be true in some cases, but the strength of our homes, communities, and nation come from the positive approaches mentioned earlier, not the inclination which shifts responsibilities of one's life journey to others.

Both my father and mother kept sights on their beliefs and goals despite some severe pressures. At one point in his life my father was given the choice of either shutting up or being penned up. He stood by his beliefs and chose the latter. Bitter as it was, he came out on top anyway.

It's just one example of how the "Six Steps Up" can work for the individual who applies the principles.

NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent

Phone 394-6851

TO MULCH STRAW—BERRIES

I'm sure the ice cream supply will be good come next June, but I'm not sure about the strawberries. If we want to enjoy strawberries with ice cream next summer, we should give some attention to the strawberry plants at this time. The mulching of the plants with straw or hay is suggested; this cover will protect the plants from severe cold and prevent alternate freezing and thawing of the soil around the roots. When this happens too often, the plants will heave out of the ground and not produce well next spring. Do not use sawdust, shavings, or leaves because they tend to pack down too tightly over the plants. Mulching during early December is strongly suggested for top yields.

TO PRACTICE HOLIDAY SAFETY

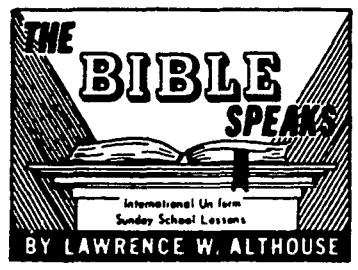
I realize that most of us feel that it will not happen to me – but let's face it, holiday accidents and fires can happen and most of them can be prevented. With many extra lights and decorations the home becomes more of a fire hazard, than in normal times. The Christmas tree and evergreen decorations can dry out and become quickly inflammable. We urge special attention to this hazard. Electric lines are over-burdened too many times and may cause fire. Burning candles should be carefully placed and kept away from evergreen decorations. Fire extinguishers should be handy and in good working condition. Practice good safety measures this holiday season.

TO GROW MORE ALFALFA

Many local farmers continue to grow corn, tobacco, and wheat as a cash crop. This has been the custom for many years. Why has alfalfa been over-looked as even a better cash crop? When we consider alfalfa at $80.00 per ton or more in many markets, and the possibility of harvesting at least 4 to 5 tons per acre, the gross income easily surpasses that of corn or wheat. With corn prices slightly over $2.00 per bushel and wheat around $2.50 per bushel, these two crops do not approach the value of the hay from an acre of good alfalfa. This past summer our top alfalfa grower in the state contest harvested 7.2 tons of alfalfa per acre; this was Paul Sauder near Mountville. It appears that more good alfalfa fields might increase farm income on many farms.

TO MANAGE CAREFULLY

Several farm commodities are headed for hard times in the next few years. I refer to hogs and milk; both of these have enjoyed some good returns in recent years but it appears that supplies have caught up to the demand. Some dairy authorities are suggesting a 4 per cent cull of dairy herds in order to improve efficiency and reduce surpluses. Hog prices have been on the skids during the past year and appears the worst is yet to come in 1978. In both cases more attention to good farm management is suggested; reduced costs of production and better efficiency might help see producers through the lower priced period.



KNOW-IT-ALL

Lesson for December 11, 1977

Background Scripture: Job 29 through 31; 40 through 42.

Devotional Reading: Job 38:1-15

Job was just about perfect. No matter how much he suffered, he refused to abandon God. Withstanding tragedies and deprivations that would have broken most people, Job holds on and keeps the faith.

Yet as we read the Book of Job we may have the uneasy feeling that there was, perhaps, one feature of Job's personality that was something less than perfect. His firm faith at times sounded a bit arrogant and smug. He is an intelligent man who is accustomed to the discipline of reasoned thought and examination. If there is any complaint at all from Job, it is an expression of amazed irritation that he cannot "figure-out" the reasons behind his present plight and the role that God is playing. He is accustomed to thinking things through and in his present misery he cannot sem to do that.

Out of the whirlwind

Job is a man who places a high value on understanding the world in which he lives. He is the kind of man who wants to see how everything fits together. He is sure that no matter what the situation may be, there is a reason behind it that he can apprehend if he but thinks rationally and deductively. Although the Book of Job was written so long ago, there are still many people like Job who demand that their world be fully rational to the human mind.

In a sense, it is good that people have that kind of audacity, for we must constantly be seeking truth through the minds and intellect that God has given us. Our Creator wants us to use our intellect and our capacities to reason are one of his great gifts to us.

But there are limitations to this intellectual capacity. There is only so much of life that is amenable to reason and logical thought. We must live with the knowledge that man's mental ability lies far, far short of the wisdom of God. Thus, sometimes, smug like Job, we need to be reminded of those limitations as he was:

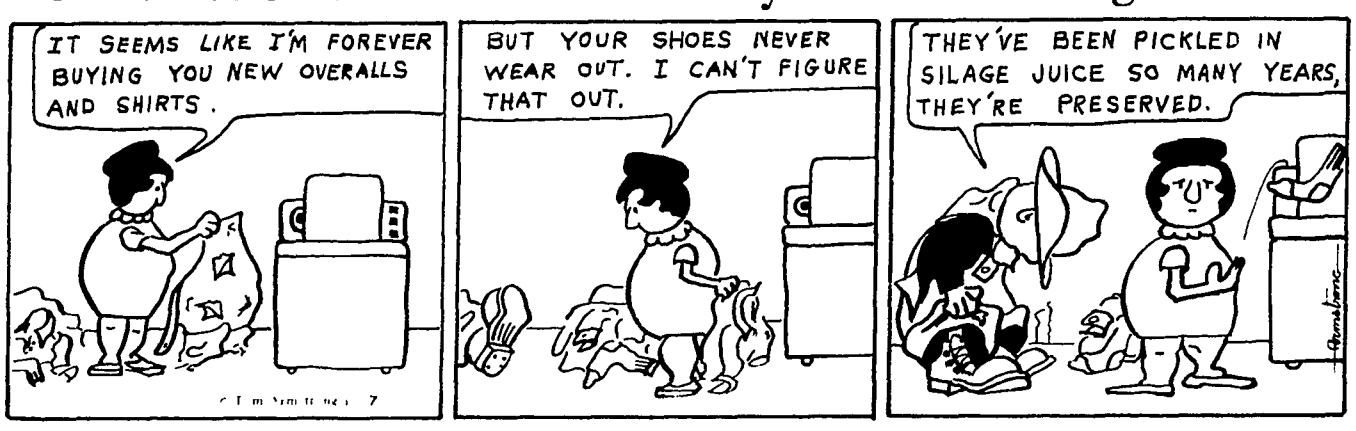
"Where were you when I laid the foundations of the earth?" (38:4). "Have you commanded the morning since your days began? (38:12). "Have you entered into the springs of the sea, or walked in the recesses of the deep? (38:16)

Things too wonderful

When God speaks thus to us as he spoke out of the whirlwind to Job, we may be reminded of our finite, limited minds. We may be reminded that there is always so much that lies beyond our feeble intellectual power. Like Job, we will say: "Therefore I have uttered what I did not understand, things too wonderful for me, which I did not know" (42:3). It is only when we realize our limitations that we come to realize that we are not really "Mr. Know-It-All" with all the answers. In fact, the more we know the more we are awed by what we don't know and what we can never know. It is in that humble discovery that "Mr. Know-It-All" begins to find true wisdom.

RURAL ROUTE

By Tom Armstrong


IT SEEMS LIKE I'M FOREVER BUYING YOU NEW OVERALLS AND SHIRTS.
BUT YOUR SHOES NEVER WEAR OUT. I CAN'T FIGURE THAT OUT.
THEY'VE BEEN PICKLED IN SILAGE JUICE SO MANY YEARS, THEY'RE PRESERVED.
Armstrong

Farm Calendar

Tuesday, Dec. 13

DHIA records workshop in Adams County, 8 p.m. at Bermudian Springs High School, vo-ag room.

Garden Spot Young Farmers meeting, 7:30 p.m.

Wednesday, Dec. 14

Lebanon County Conservation District board of directors meets, 8 p.m. at the Municipal Building, Lebanon, Room 207.

Crops Day at Collegeville Inn, 10:15 a.m. to 1 p.m.

Thursday, Dec. 15

Pesticide license test for farmers, 1 p.m. at the Tobacco Shed, at Jonas S. Ebersole's, Stumptown Rd., Bird-in-Hand.

Elizabethtown Young Farmers meeting, 7:30 p.m.

Dairy equipment seminar for Bou-Matic customers, Bird-in-Hand Restaurant, 10 a.m. to 3 p.m.

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WEDNESDAY, DECEMBER 21, 1977

10 A.M. TO 2:30 P.M.
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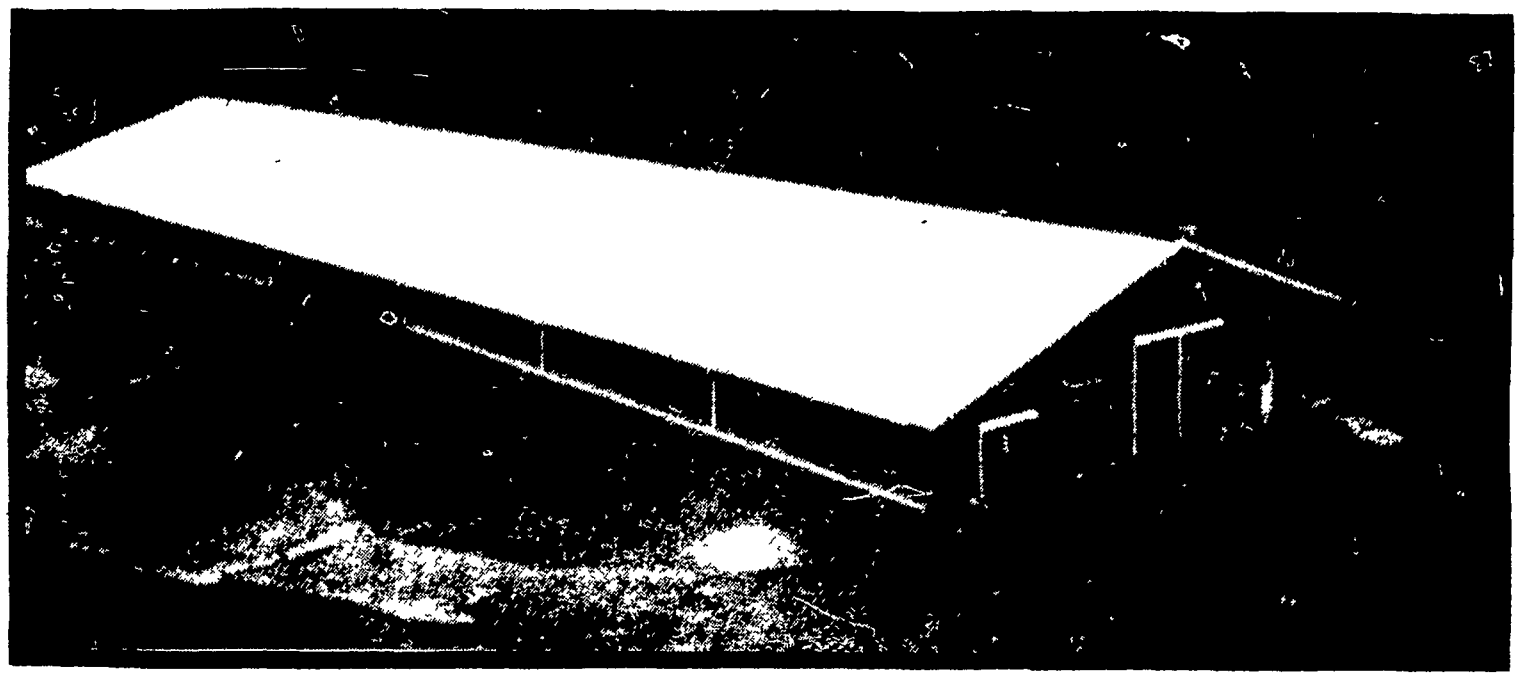

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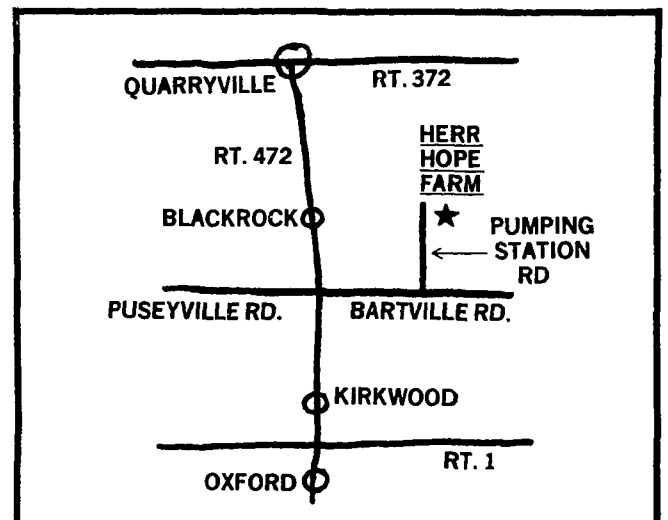

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Livestock market and auction news

(Continued from Page 9)

FEEDER STEERS: Choice 300-400 lbs. 39.50-42.25; 400-500 lbs. 38.00-40.50. 500-600 lbs. 38.00-41.00; 700-900 lbs. 36.00-37.50, some Choice short coupled and mixed Good and Choice 300-550 lbs. 36.00-39.00; 600-750 lbs. 35.00-37.00. Good 300-650 lbs. 34.00-36.50.

FEEDER HEIFERS: Choice 300-500 lbs. 31.50-33.75, few lots 650-750 lbs. 32.00-32.50. Mixed Good and Choice 250-500 lbs. 29.25-31.00. Good 300-550 lbs. 25.75-29.50.

Leesport Auction

Leesport, Pa.
December 7, 1977

CATTLE 450. Supply included 127 head feeder cattle. Compared with last Wednesday's market, slaughter steers mostly 50 cent to $1 higher. Slaughter cows 50 cent to $1.50 lower. Choice No. 2-4 1000-1275 lbs. slaughter steers 42.85-45.50, one at 46.00, Good 37.00-42.00, Standard 33.50-36.85, few Utility 28.00-32.85. Choice slaughter heifers 37.60-41.00, few No. 1 at 43.00, few Standard & Good 33.00-35.00. Utility & Commercial slaughter cows 23.25-26.10, couple to 26.50, Cutters 22.35-24.85, Canner & Low Cutter 20.00-22.85, Shells down to 16.00. Few Standard & Good slaughter bullocks 34.00-38.00. Yield Grade #1 1150-1800 lbs. slaughter bulls 28.75-32.85. Choice 450-700 lbs. feeder steers 35.00-38.25, Medium 300-475 lbs. 27.25-34.50. Choice 500-600 lbs. feeder heifers 30.50-35.25.

CALVES 215. Vealers grading Standard & Good 70-110 lbs. $1 to $3 lower. ew Choice vealers 62.00-72.50, Good 42.00-54.00, few Standard & Good 110-130 lbs. 37.00-42.00, 90-110 lbs. 29.00-35.00, Standard 70-85 lbs. 22.00-30.00, Utility 50-100 lbs. 15.00-20.00. Few Holstein bulls 90-120 lbs. 32.00-38.50, one at 49.50; few holstein heifers 100-120 lbs 48.00-62.00.

HOGS 455. Barrows & gilts $4.50 to $5 higher. US No. 1-2 200-240 lbs.barrows & gilts 48.10-48.75, No. 1-3 210-240 lbs. 47.75-48.60, few lots 220-260 lbs. 47.00-47.50, No. 2-4 260-285 lbs. 40.50-45.00. US No. 1-3 300-575 lbs. sows 33.00-37.50. Boars 25.00-34.50.

FEEDER PIGS 170. All prices cwt. US No. 1-3 20-40 lbs. feeder pigs 58.00-78.00 cwt., No. 1-3 60-90 lbs. 50.00-60.00 cwt.

SHEEP 27. Choice 65-100 lbs. wooled slaughter lambs 56.50-61.00, Good 55.85 lbs. 45.00-55.50. lFew Slaughter ewes 12.00-15.00.

Peoria Auction

Peoria, Illinois
December 8, 1977

Estimated receipts this week 6050; Last Week 7700; and Last year 6900.

Compared with last week's close, slaughter steers steady to 50 higher. Slaughter heifers 1.00 higher. Cows 50-1.00 lower Bulls weak to 50 lower. Receipts about 65 pct slaughter steers; 30 pct slaughter heifers and the balance mostly cows. Slaughter steers and heifers worked sharply higher at mid-week due to weather curtailing receipts.

SLAUGHTER STEERS: Choice and Prime 3-5, 1100-1225 lbs. 42.25-43.50. Couple loads at mid-week 44.25-44.75. Choice 2-4 950-1200 lbs. 41.00-42.25; Late 42.50-43.25. Mixed Good and Choice 2-4, 900-1250 lbs. 39.50-42.50. Good 2-3, 38.00-39.50.

SLAUGHTER HEIFERS: Choice and Prime 3-4, 900-1050 lbs. 39.50-40.25; Load 40.75; on Wednesday, 41.50-42.00. Choice 2-4, 850-1050 lbs. 38.00-39.50, closing 40.00-41.50. Mixed Good and Choice 2-4, 750-1000 lbs. 37.00-40.00. Good 2-3 33.50-37.00.

COWS: Utility and Commercial 2-4, 21.00-23.50, Few 24.00-24.50. Cutter 1-2, 19.00-21.00. Canner 17.00-19.00, few light-weight 15.00-16.00.

BULLS: Yg 1-2, 1100-1700 lbs. 27.00-30.00. Few Yg 1, 31.00-31.50; Few 1000-1100 lbs. 24.00-26.00.

Omaha Cattle

Omaha, Nebraska
December 8, 1977

Cattle - Compared with the previous week's close - Through mid-week, slaughter steers and heifers were mostly 50C higher instances 75C higher, some late sales steers 1.00-1.25 up. Cows were steady to weak, bulls weak to 1.00 lower.

Four day receipts 16,800 as compared 17,200 previous week and 16,300 a year ago. Demand was generally good for slaughter steers and heifers, and some trade stimulation was provided by bitter cold over the trade area and poor road conditions in some sections. Most interests were in need of cattle for immediate requirements, and there was mild strength on carcass prices by the wholesale level with improved demand. The local supply included a fair percentage choice steers and heifers although many loadlots were dirty or carrying a moderate amount of mud in reflection of worsening feedlot conditions. Slaughter steers made up approximately 41 pct and heifers 37 pct. cows comprised 9 pct and feeders 11 pct.

STEERS: Load choice and prime 3-4 1184 lbs. 44.25 late, two loads and part load choice and prime 3-4 1175-1238 lbs. 43.65-43.75 at midweek, several loads and part loads same grade 3-4 1088-1225 lbs. 43.25-43.50. Load choice and prime 4-5 muddy 1420 lbs. 39.00. Choice 2-4 975-1275 lbs. closed 42.50-43.50. Mixed good and choice 2-3 975-1250 lbs. 41.50-42.50, three loads predominately 2 1350 lb. holsteins 39.00. Good 2-3 38.00-41.50. Standard and Good 2-3 36.00-37.50.

Average of LS-214, detailed quotations, for choice 900-110 lb. steers this week 42.62; choice 1100-1300 lbs. 42.82. Average weight steers first three days 1153 lbs. as compared 1126 lbs. previous week. Average weight heifers first three days 959 lbs. as compared 975 lbs. previous week.

HEIFERS: six loads and part loads choice and prime 3-4 954-1068 lbs. 42.00-42.25 late. Choice 2-4 875-1050 lbs. 40.50-41.75, occasionally 42.00. Mixed good and choice 2-3 850-1000 lbs. 39.00-40.25. Good 2-3 35.50-38.50. Small lots standard and good 2-3 32.50-34.00.

COWS: Utility and Commercial 2-4 24.00-25.50, few high dressing 26.00-26.75. Canner and Cutter 21.00-24.00.

BULLS: 1-2 1400-1800 lbs. 28.50-31.50.

WHAT'S NEW

HAYTENDERS

Two new haytenders, the MF 725 and MF 925, have been added to Massey-Ferguson hay harvesting line to fill the need for mower conditioners. The machines cut, condition and windrow hay in one operation.

The MF 725 has a 9 foot 7 inch overall width and a cut of 7 feet 3 inches. The MF 925 is 11 foot 7 inches wide with a cut of 9 foot 3 inches.

Both models are equipped with a three-position dial hitch operated from the tractor seat by a rope pull system. A nylon rub plate in the dial hitch provides a smooth sliding surface when changing positions. In transport, the haytender is within the tractor's width to allow passage through narrow gates. The outer field position permits the tractor to straddle wide windrows from previous rounds.

Key features include an enclosed PTO to prevent crop wrapping or tractor wheel damage, a standard 540 rpm PTO convertible to 1000 rpm in the field, a sprag clutch to protect the drives and tractor clutch, and a belt drive with spring-loaded front straddle-mounted idler to control belt tension and eliminate the need for a slip clutch.

The heavy duty knife drive operates at 1600 strokes per minute, and the knife head has a rubber bushing to absorb tension and shock. The 21-in. diameter, fully enclosed drum reel provides increased strength and feeding ability. This reduces hay bunching and drive belt strain.

The simple roll design - a fluted steel top roll and a spiral-grooved ticord bottom roll - allows the stems and leaves to dry at the same time and prevents over-conditioning and wrapping. The design also eliminates the need for timing the rolls. The rolls open 2 inches when the machine is raised for transport. This makes unplugging easy.

Other features include a swath gate control, 38 inch cutterhead-to-wheels spacing to prevent gouging, "terra" tires for flotation, extra knife storage, a guard straightening tool, tool box and tall crop divider as standard equipment.

GRINDER—BLOWER

A multi-purpose grinder/recutter that doubles as a high-capacity blower has been introduced by Farmhand, Inc., farm equipment manufacturer based here. By changing screens, hammers or choosing an alternative hopper, the grinder-blower may be used to grind hay bales, high moisture grains, stover or used just as a forage blower.

Heart of the F88 grinder-blower is a 650-pound flywheel mill that operates inside a 10 inch by 57 inch chamber. Six hammer assemblies with four hammers per assembly are mounted on the 1 inch thick flywheel. Screens encircle the interior of the chamber and are quartered for easy changing Removing the screens and hammer assemblies lets the unit operate as a blower without particle reduction.

A choice of two infeed doors adapts the grinder-blower for either grain or forage handling. The plain table has a hydraulic-operated rubber belt and is used for reconstituting hay or stover and grinding grain The gravity door, which has a magnet mounted in the throat to keep metal from entering the mill, is designed for grain and forage operation. An eight foot chain and slat cross conveyor with hydraulic drive and flail hopper is used to feed either door. A 12 foot hydraulic operated chain conveyor is designed for carrying bales to the bale table. Adjustable vents on the front of the blower chamber regulate air through the blower and aid material flow. The hydraulically operated plain table and optional cross conveyor with hydraulic control assure constant material passage to the machine under any conditions.

Power goes to the machine through a 1,000 RPM shaft rated at 175 horsepower. Optional equipment includes a choice of thirteen screens ranging from 1/4 inch to 2½ inch and a bar screen for hay and stover grinding.

The grinder-blower is available from Farmhand dealers and distributors throughout the U.S. and Canada. Farmhand manufacturers a broad line of crop handling and harvesting equipment and specialized agricultural machinery. Corporate offices are at 1011 First Street South, Hopkins.

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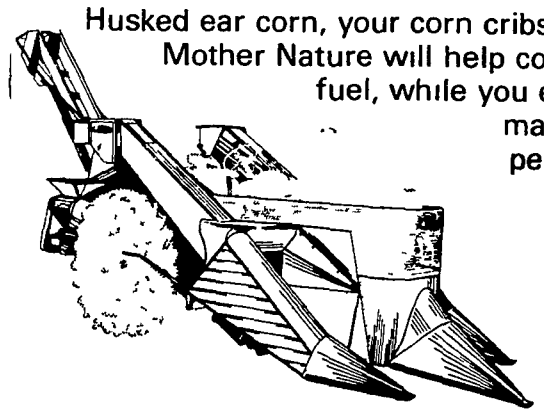

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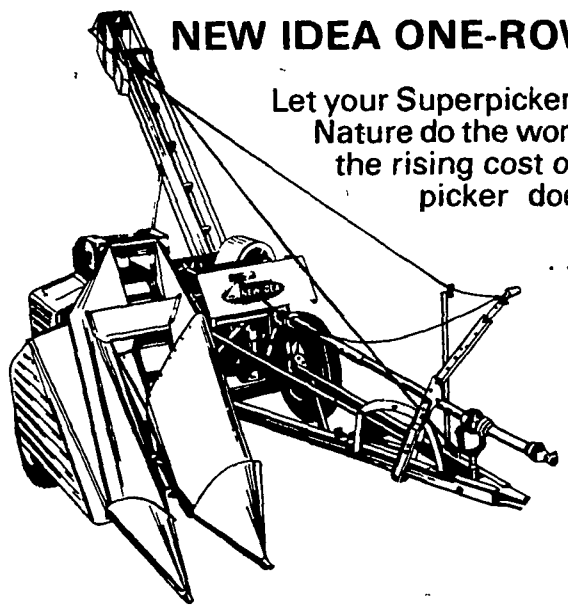

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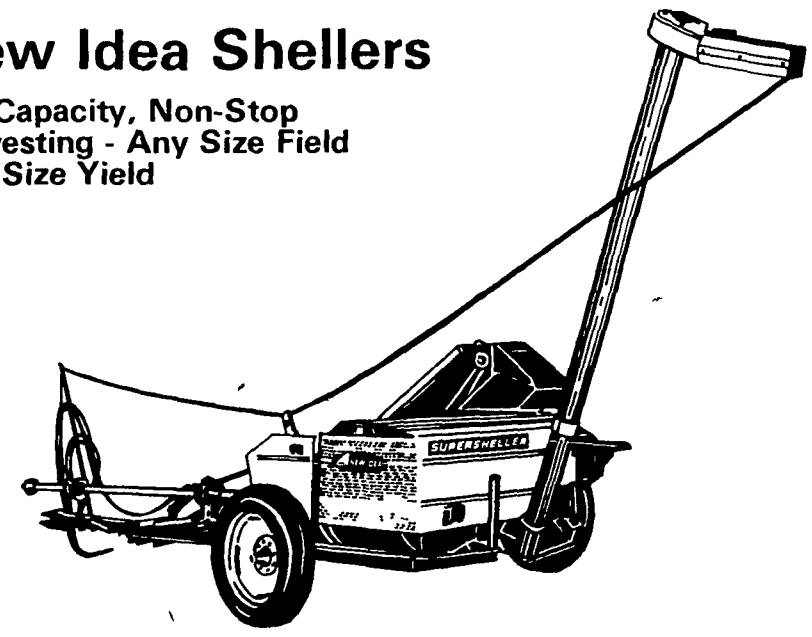

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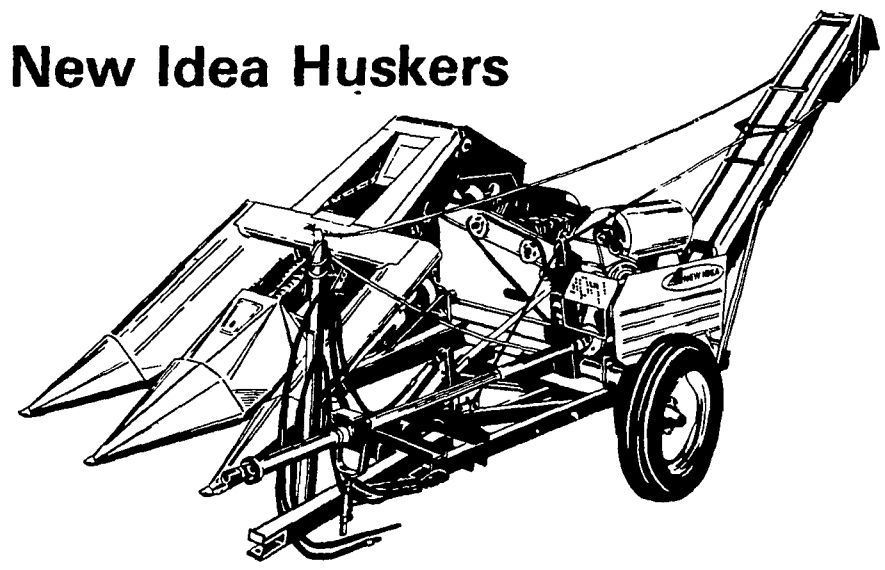

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Berks Countians elected to aid ASC committee

LEESPORT – Sixty Berks Countians were named to the 1978 Agricultural Stabilization Conservation Service community committee in their area.

The community committee assists the Berks County ASC committee in the administration of farm programs. One of the first duties of the newly formed group is to attend the county ASC convention on December 14 in the Berks County agricultural center. The purpose of that convention is to elect a county committee officer for a three-year term and to elect the first and second alternates to serve for 1978.

Those persons elected to the community committee were:

Bethel, Marion, and Tulpehocken townships - Frederick J. Bohn, Myerstown R1; Bruce T. Younker, Bethel R1; Ralph E. Troutman, Womelsdorf R1; Earl L. Brown, Myerstown R1; Donald E. Landis, Myerstown R1.

Jefferson, Upper Tulpehocken and Penn townships - Harold R. Lesher, Bernville R1; James R. Yost, Bernville R1; LaVerne Koenig, Bernville R2; Curtis G. Wolf, Bernville R1; Charles D. Moyer, Bernville R2.

Tilden, Upper Bern, and Center townships - Clarence R. Luckenbill, Bernville R1; Rae M. Hix, Mohrsville R1; Bruce D. Riegel, Mohrsville R1; Daniel A. Spatz, Mohrsville R1; Paul E. Lesher, Mohrsville R1.

Perry, Windsor, Bern Ontelaunee, and Muhlenberg townships - Ernest H. Epting, Hamburg R2; Robert L. Seidel, Lenhartsville R1; Harry R. Kauffman, Hamburg R2; Lawrence T. Sunday, Lenhartsville R1; J. Bruce Leiby, Hamburg R2.

Albany and Greenwich townships - Clyde K. A. Baver, Kutztown R3; Brian A. Bond, Kempton R2; Lester C. Miller, Kutztown R3; Guy W. Long, Lenhartsville R1; Ralph G. Sanner, Kutztown R3.

Longswamp, Rockland, Maxatawny, District, and Hereford townships - Wilson H. Rohrbach, Mertztown R1; George R. Delong, Kutztown R1; Charles A. Savidge, Mertztown R2; Gordon G. Gruber, Kutztown R1; Earl W. Latshaw, Alburtis R1.

Richmond, Maidencreek, and Ruscombmanor townships - Leroy J. Biehl, Kutztown R1; Warren W. Berger, Kutztown R3; Feryl J. Treichler, Kutztown R3; Roger Buch, Fleetwood R2; Robert E. Kopfer, Fleetwood R2.

Oley, Pike, Alsace, Lower Alsace, and Exeter townships - Woodrow I. Rothenberger, Oley R1; Daniel H. Schlegel, Oley R1; Roy Y. Stoltzfus, Douglassville R2; Earl Mensch, Boyertown R4; Chester E. Noll, Oley R1.

Colebrookdale, Earl, Amity, Douglass, and Washington townships - Wilson R. Hoffman, Barto R1; William E. Keim, Boyertown R2; Ralph T. Spencer, Boyertown R3; Ralph Drey, Douglassville R2; Robert D. Yanos, Douglassville R2.

Caernarvon, Robeson, Union, Brecknock and Cumru townships - Heber D. McGowan, Birdsboro R1; David O. Shirey, Geigertown; Samuel A. Schlouch, Mohnton R2; George W. Zerr, Geigertown; John K. Fuzer, Mohnton, R2.

North Heidelberg, Heidelberg, Lower Heidelberg, South Heidelberg, and Spring Townships - Wilbur F. Lu 825 Fritztown Rd., Sinki Spring; Norman H. Ba Sinking Spring R5; Char R. Kissling, Robesonia R Lester W. Gelsinge Robesonia R1; Wilbur Stricker, Robesonia R1.

WHAT'S NEW

MANURE STACKER

A new 55-degree swinging manure stacker with flat-bed return trough that handles 600 tons or more of manure for six to eight months' storage is announced by the Jamesway Division of Butler Mfg. Co., Fort Atkinson, Wis. Stacking manure for twice a year spreading ends Winter runoff to help farmers meet federal regulations on pollution control.

The flat-bed return trough of the stacker eliminates manure buildup under the elevator. The stacker is available in 36 foot, 45 foot, and 50 foot lengths.

Heat-treated, extra heavy-duty chain moves scrapers 23' per minute. The 2 inch or 3 inch high scrapers move manure up the stacker to drop it into a storage basin with picket dam. A picket dam permits rain water to run off into a detention pond to evaporize. A concrete floor in the basin makes it easy to handle the manure "as is" with an end loader.

The stacker, made up of one-piece galvanized steel trough sections, is supported by a concrete-anchored tripod of 4 inch diameter steel tube. It is held level by double sets of adjustable ¼ inch diameter steel guy rods, not cables.

The stacker can be added to an existing system or installed as a complete un Because it is simply continuation of the ba cleaner, only one drive u is necessary. It eas transports both long stra and box stall manure.

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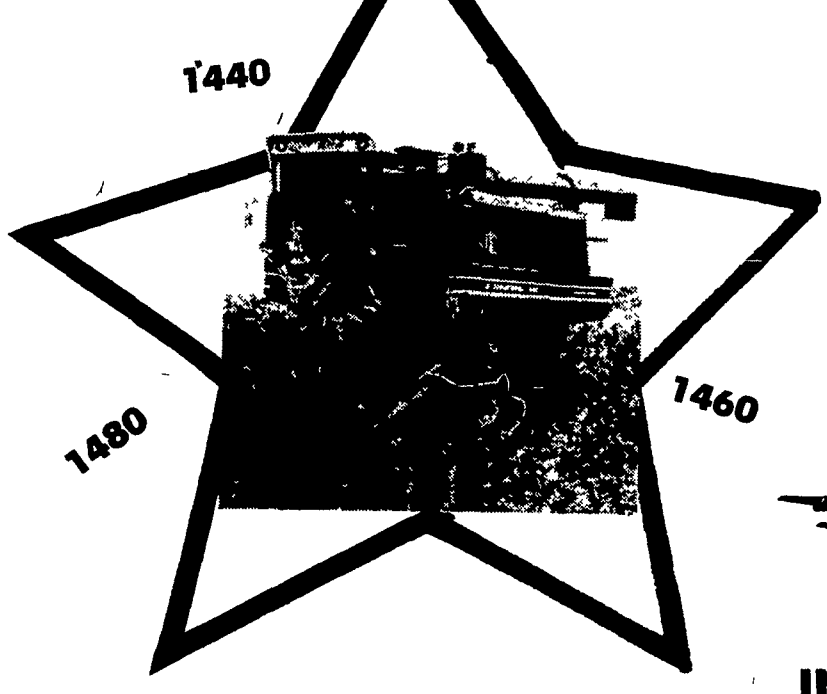

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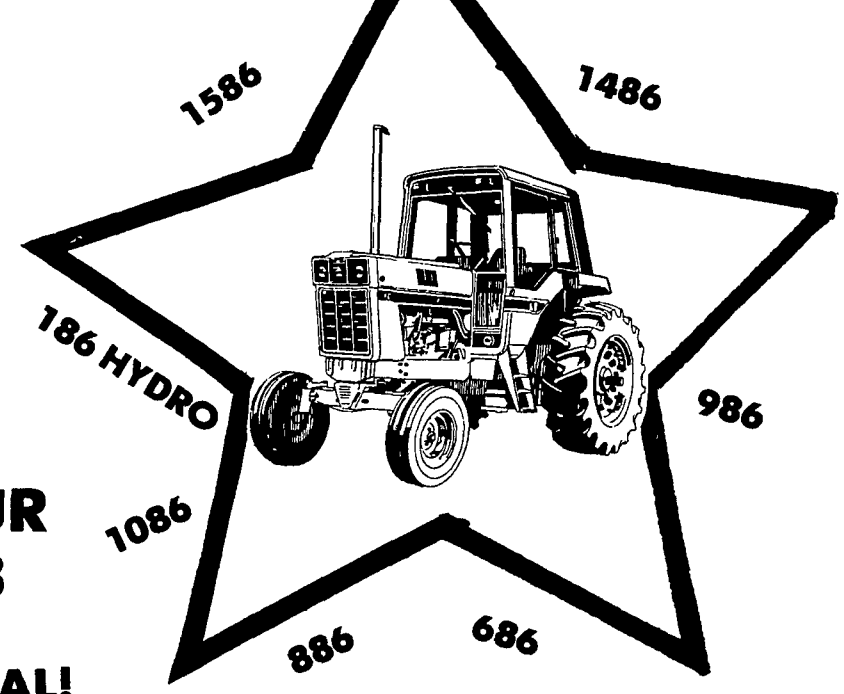

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Fletcher plans retirement

UNIVERSITY PARK – Robert F. Fletcher, professor of vegetable crops Extension at Penn State, will retire January 1 with 28 years of service to the University.

By action of the University's Board of Trustees, Professor Fletcher has been granted emeritus rank.

A native of Northumberland, he earned the bachelor of science degree in horticulture in 1939 and the master of science degree in horticulture in 1952, both from Penn State. During World War II, Mr. Fletcher served four years with the 45th Infantry Division and was awarded the Legion of Merit for distinguished service.

Robert F. Fletcher

Professor Fletcher returned to Penn State in 1949 and was promoted to assistant professor in 1952, to associate professor in 1956, and to professor in 1963.

In 1963, he received an award for outstanding service from the National Junior Vegetable Growers Association. In 1968, the "Farm Technology" magazine cited his educational soils program as one of the top 20 in the United States. In 1971 he won the Carl S. Bittner Award of the American Society for Horticultural Science for outstanding achievements in Extension programs.

In 1974, the vegetable crops specialist received the Ruby Award of Epsilon Sigma Phi, national honorary Extension fraternity, for his educational programs. The next year he was elected a Fellow of the American Society for Horticultural Science for his contributions to horticulture. He served on the society's board of directors and was chairman of the Extension Activities Committee.

Professor Fletcher was named Man-of-the-Year in 1976 by the Pennsylvania Plant Food and Protectant Educational Society. That same year he was named an honorary life member of the Pennsylvania Vegetable Growers Association.

The 64th Annual Horticultural Show at Penn State was dedicated to Professor Fletcher for his numerous contributions and service to horticulture.

He is a member of the American Society for Horticultural Science, American Horticultural Society, Bedding Plants Incorporated, Extension Professors Association, Epsilon Sigma Phi, and Gamma Sigma Delta.

WHAT'S NEW

SEED-DRILL

A wide seed-drill made by an Australian company, John Shearer Limited, is designed to cultivate, sow and fertilize 80 rows across (47 feet) at every pass.

Large feed and fertilizer boxes reduce the number of filling stops, further improving the implement's speed of coverage.

The manufacturer, a specialist in equipment for broad acre farming, has been supplying its agricultural machinery to Australian and world markets for many years, according to the Australian Trade Commission.

The hoppers on the new drill have a capacity of 1040 kg (2300 lb.) of seed and 1680 kg (3700 lb.) of fertilizer.

Four anti-sway bars, ball-jointed at each end, are fitted on the machine, providing rigidity to the undercarriage.

Each time is made from 44 mm (1.75 in.) heat-treated square spring steel, and is fluted to allow free flow of stones through the undercarriage. Spring pressure can be adjusted on each time to reduce the chance of damage.

The wide seeder's main frame and undercarriage are hinged to enable the implement to follow undulating ground contours as closely as a 13-row drill, the maker says.

Working depth is 110 mm (4.25 in.) and the rate of sowing is controlled by a calibrated lever to suit conditions.

V-shaped feeds on the bottom of the grain box and contra-rotating stars for fertilizer ensure an even rate of sowing. A glass window in front of the seed box allows the operator to see how much seed is left.

All reader inquiries should be directed to Ed Falk, Cunningham & Walsh Inc., 260 Madison Avenue, New York, N.Y. 10016.

FREE STALL SCRAPER

De Laval announces its new free-stall scraper - the Delta-Matic II. It is designed for large free-stall barns from 180 feet to 500 feet in length...dairy barns, swine confinement facilities or beef feedlots. It automates the unpleasant, time-consuming chore of manure handling. It works while you work elsewhere.

Features a new rugged corner wheel for durability and longer wear life, an all new drive tensioning base which automatically controls chain tension throughout the system for longer chain life. The Delta-Matic II Scraper provides you with energy efficient low horse power method of removing manure. Plus it automatically enables you to clean your barn several times per day - a better environment for you and your animals with little labor input.

For more information, write The De Laval Separator Company, 350 Dutchess Turnpike, Poughkeepsie, NY 12602.

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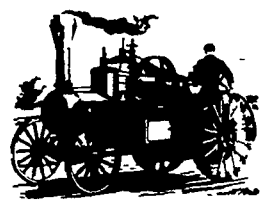

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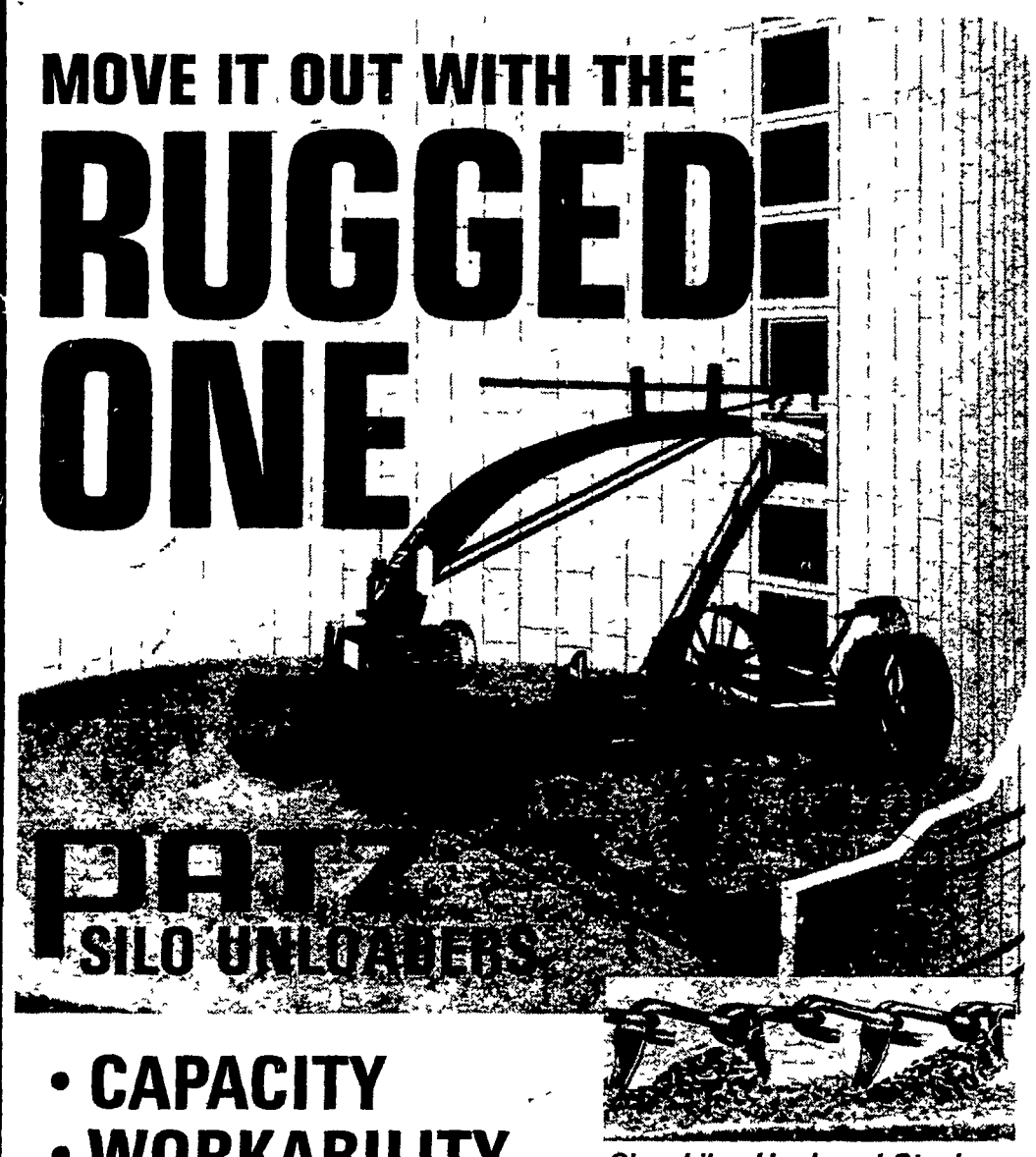

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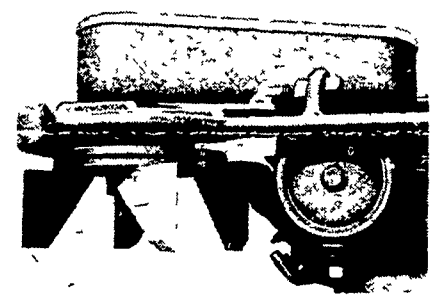

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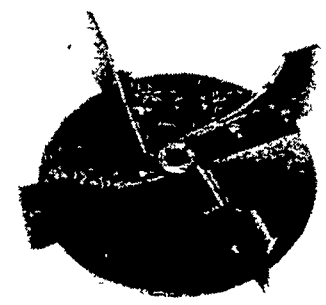

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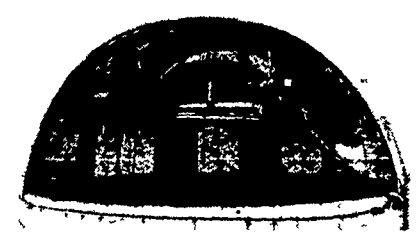

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MEDICINE AND MANAGEMENT

By CARL TROOP, VMD

Vaccination essential to everyone's health

Vaccination plays a large part in modern preventative medicine, be it human or animal. It has come to be such a common practice in prevention of smallpox and measles, and brucellosis and erysipelas as well as many other human and animal diseases that it is almost taken for granted. There are vaccines for many diseases and new ones being developed every year. But without knowing how a vaccination works and what it can or cannot accomplish, one cannot appropriately determine which one should or should not be used.

Immunology is the study of those defenses against disease that depend on the specific activity of certain body cells or chemical components of the body fluids. As if nature had somehow made a mistake these same mechanisms that serve as protection can actually cause disease; that is reactions to drugs or insect stings or bites, hay fever, and other allergies.

Immunity or being immune to a disease depends upon a serum protein called antibody. Infectious diseases are those caused by bacteria, viruses, fungi and other very tiny organisms. An infection of an organism into the "host" animal is not a normal state of being. In the absence of any body defense substances an organism can multiply in a living host and cause disease. The host will often react strongly to any foreign agent that penetrates its external defenses.

All individuals possess three types of protection against infectious disease. 1. They can be nonsusceptible or an absolute protection against a particular disease. For example, humans don't get hog cholera and cows don't get measles. 2. Natural resistance refers to the individuals resistance against any diseases to which it is susceptible. This can vary from individual to individual and from time to time with the same individual. (Some people get colds a lot easier than others). 3. Natural immunity is directed against specific diseases and depends upon the presence of natural antibodies in the blood.

As stated before, antibodies are protein elements in the blood. Foreign agents which gain entrance into the body have substances on them or are themselves called antigens. Antibodies react with antigens to dissolve or kill the invading organism.

In natural immunity the antibodies seem to be present without apparent previous exposure to or vaccination for the specific disease. The concentration of natural antibodies is usually low.

Acquired immunity is that immunity which an individual develops at any time after birth. An individual, human for example, who recovers from plaque, cholera, yellow fever, or other various diseases is usually immune to second attacks of the same disease. Immunity is never absolute, however. The amount and potency of the infecting dose of organisms is important in determining whether a second attack occurs. An individual may possess sufficient immunity to protect against ordinary contact but not enough to protect against a massive exposure to the organism. Immunity varies from disease to disease also. The immunity that develops from smallpox, chicken pox, or mumps is often sufficient to protect against reinfection. However, little protection is provided after a case of pneumonia, influenza, or as everyone knows, by the common cold. The same is true of all animal diseases. Some provide long lasting solid immunity, some little or no immunity at all.

Actual infection is not the only means of acquiring antibodies needed for immunity. The antibody producing cells can be stimulated artificially by introducing into the body the organisms that cause the disease or some of their parts or products. These suspensions are commonly called bacterins or vaccines. Small amounts of sufficiently inactivated organisms may cause slight illness of short duration or only local initation without clincial disease, but will stimulate antibody producing cells sufficiently to provide immunity of varying degrees, depending upon the individual and the particular vaccine.

Vaccines have not been developed for many diseases yet. In some cases the actual disease does not provide any immunity so it is difficult to develop a vaccine to do the job. But for many animal diseases there are a multitude of vaccines available. In cattle for example one could vaccinate for more than twenty different diseases. However, some of these occur only in certain areas of the country, and some have never been proven to provide immunity. Some vaccinations are quite effective but last for only a few months and need to be repeated at certain intervals. And there are some such as Brucellosis which provides a good degree of immunity for a lifetime. No vaccination is 100 per cent effective, it just provides some degree of protection, the amount varying from disease to disease. Just because a herd is vaccinated is no excuse to let your guard down.

Many vaccines are sold through stores and unfortunately many are unlawfully peddled by the unqualified people running the drug trucks on the road whose interest basically is making a sale. They have neither the training necessary nor the right by law to make recommendations concerning any vaccination program. Your veterinarian is best qualified to provide information for a vaccination program and is in the best position to determine which if any vaccines are necessary. He is also best able to provide quality vaccines and supervise a vaccination program. To look elsewhere for advice or products is asking for trouble, both healthwise and with the law. There have been many instances where the advice of a peddler was taken over that of a veterinarian.

Vaccinations can be a tremendous economical boon to any livestock program but they need to be selected and used with qualified supervision and assistance. Your veterinarian knows which diseases are prevalent in your area and which vaccines are best to prevent them. Just remember who you are going to call when the vaccination protection breaks down.

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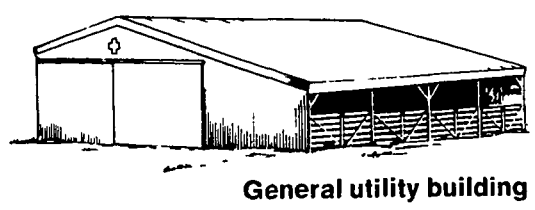

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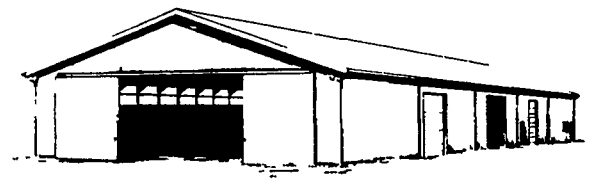
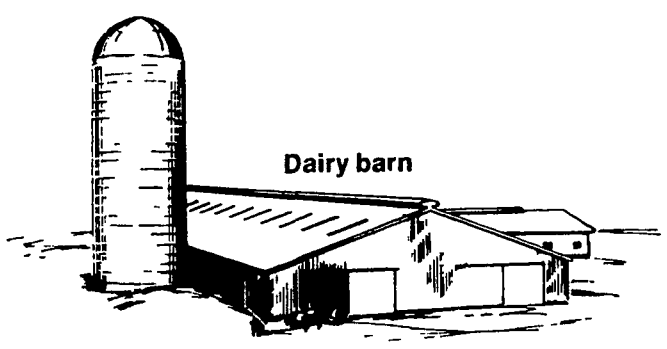
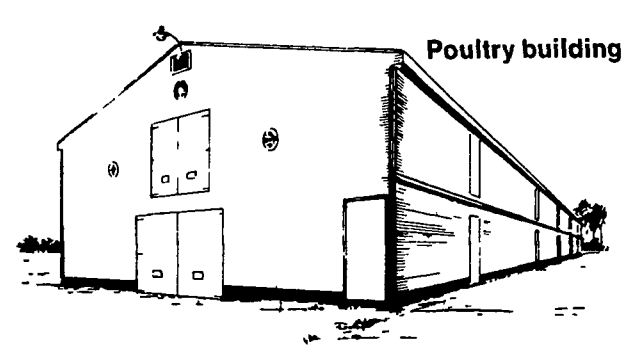


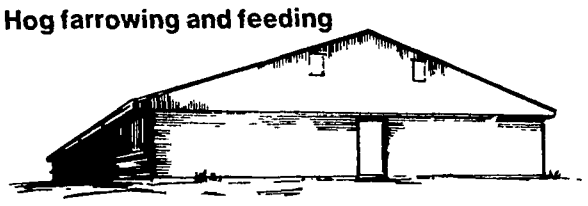
Dairy barn



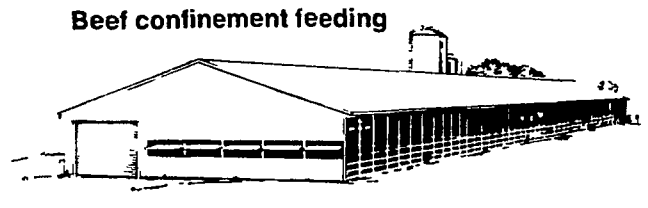
Poultry building



Hog farrowing and feeding



Beef confinement feeding



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Pa. Fall farm labor up

HARRISBURG – Pennsylvania's farm labor force showed a 15 per cent increase this Fall, according to the Pennsylvania Crop Reporting Service. The shift in farm labor was reflected in a survey conducted during the week of October 9 to 15, 1977.

The total number of workers on farms in the commonwealth during the survey week was an estimated 134,000, a 17,000 increase from the comparable survey in 1976.

Farm family workers in Pennsylvania totaled 97,000 compared to 87,000 in 1976, an 11 per cent increase. Hired farm workers also showed gains, with 37,000 on farms this Fall, compared to 30,000 during last Falls' survey week. Field and livestock workers comprised 30,000 of the hired farm workers this October. Last year, field and livestock workers accounted for 20,000 of the 30,000 total hired farm labor force.

The average work week for Pennsylvania farm operators during the survey week was 46.4 hours, up 6.4 hours per week from October 1976. Other unpaid family workers averaged 39.6 hours and hired workers averaged 36.2 hours during the same period.

The category of family workers includes farm operators working on farms one hour or more each week, plus other family members who work 15 hours or more without receiving cash wages. Hired farm workers include all persons working one hour or more for cash wages during the survey week.

Pennsylvania farm wage rates for all methods of pay, converted to an hourly rate, averaged $2.87 during the survey week. The average was $2.77 a year ago. Field and livestock workers averaged $2.66 per hour in the commonwealth, an increase of 14 cents from the previous October.

75 Lancaster County farmers named to ASC offices

LANCASTER – A total of 75 Lancaster County farmers were elected to offices on 15 Agricultural Stabilization and Conservation community committees Wednesday.

The five committeemen in each of the ASC units administer federal farm programs in their respective township communities.

Elected in the annual mail balloting were a chairman, vice chairman, a regular member and a first and second alternate.

The chairman, vice chairman and regular committee member from each of the 15 communities will represent their respective as delegates to the Lancaster County ASC Convention on Dec. 15.

The convention, scheduled at 10 a.m. in the Farm and Home Center, will elect committeeman for a three-year term and a first and second alternate, each for one-year terms.

Delegates will also elect county committee officers – positions presently held by B. Snavley Garber, Willow Street R2, chairman: Paul B. Kline, Lititz, vice chairman; Vincent H. Hoover, New Providence R2, committee member, and John H. Nissley, Mount Joy R3, and Earl Smoker, Stevens R1, first and second alternates, respectively.

Hoover's three-year term as a county committeeman expires this year, as do the one-year terms of Nissley and Smoker.

Community committeemen elected Wednesday were:

Conoy, West Donegal and Mount Joy townships - Victor Dohner, Elizabethtown R1, chairman; Paul Wolgemuth, Elizabethtown R3, vice chairman; J. Richard Snavely, Elizabethtown R3, regular member; Kenneth D. Myer, Elizabethtown R3, first alternate, and Samuel M. Snyder, Elizabethtown R1, second alternate.

East Donegal and West Hempfield townships - Harold W. Ney, Marietta R1, chairman; Lewis E. Bixler, Marietta R1, vice chairman; Donald C. Drager, Marietta R1, regualr member; Glenn R. Bushong, Columbia R2, first alternate, and E. Robert Nolt, 3650 Meadow Spring Road.

Rapho Township - John H. Nissley, Mount Joy R3, chairman; Robert L. Brubaker, Manheim R2, vice chairman; Paul N. Newcomer, Mount Joy R3, regular member; Earl Swarr, Manheim R2, first alternate, and Harry C. Rohrer, Manheim R2, second alternate.

Penn, Warwick and Elizabeth townships - H. Richard Bomberger, 136 Memorial Road, Lititz, chairman; Forney F. Longenecker, 820 Woodcrest Ave., vice chairman; Harold B. Kreider, Lititz R2, regular member; Roy H. Garber, Lititz R3, first alternate, and Ronald E. Kline, 43 E. Lincoln Ave., Lititz, second alternate.

East and West Cocalico, Brecknock and Clay townships - James W. Martin, Stevens R1, chairman; Vernon J. Leininger, Denver R2, vice chairman; Abram W. Eberly, Ephrata R1, regular member; Carl R. Meck, 853 N. 4th St., Denver, first alternate and Clarence M. Fittery, Denver R2, second alternate.

Caernarvon, East Earl and Earl townships - Eugene S. Eberly, New Holland R2, chairman; John M. Weaver, New Holland R1, vice chairman; Walter Clair Martin, New Holland R2, regular member; Harold B. Wissler, New Holland R1, first alternate, and William Fisher, East Earl R1, second alternate.

Ephrata, West Earl and Upper Leacock townships - Luke Ray Zimmerman, Ephrata R4, chairman; Robert E. Martin, New Holland R3, vice chairman; Norman K. Reeser, Bird-In-Hand R1, regular member; Elvin W. Groff, 648A Milck School Road, Bird-in-Hand, first alternate and John J. Landis, 2648 Creek Hill Road, second alternate.

Salisbury and Leacock townships - Raymond M. Hoover, Gap R1, chairman; Chester R. Eby, Kinzers R1, vice chairman; Glenn G. Miller, Gap R1, regular member; Jacob L. Kreider, Kinzers R1, first alternate, and John I. Eby, Gap R1, second alternate

East and West Lampeter and Lancaster townships - Harlan N. Keener, 1266 Gypsy Hill Road, chairman; Robert M. Mylin, Willow Street R2, vice chairman; J. Robert Brubaker, Willow Street R1, regular member; Melvin M. Groff, Lancaster R6, first alternate and Mervin H. Bare, Witmer, second alternate.

Manheim and East Hempfield townships - James E. Kettering, Manheim R7, chairman; J. Harold Kauffman Jr., 3485 Nolt Road, Landisville, vice chairman; Willis A. Kilheffer, Manheim R7, regular member; Clarence A. Keener Jr., Manheim R1, first alternate, and James H. Burkholder, 400 Valley Road, second alternate.

Manor, Conestoga and Pequea townships - Nelson Habecker, Lancaster R2, chairman; Carl Harnish, Lancaster R6, vice chairman; David McMichael, Lancaster R6, regular member; J. Robert Musser, 200 Donerville Road, first alternate, and J. Robert Kindig, Conestoga R1, second alternate.

Eden, Bart and Sadsbury townships - Kenneth R. Murphy, Quarryville R3, chairman; LeRoy H. Welk, Quarryville R4, vice chairman; Harold Grant Troop, Quarryville R3, regular member; Herbert A. Girvin, Quarryville R3, first alternate, and G. Preston Lefevre Sr., Quarryville R3, second alternate.

Strasburg and Paradise townships - Richard W. Barge, Ronks R1, chairman; James W. Bowman, Ronks R2, vice chairman; C. Melvin Groff, Ronks R2, regular member; Paul H. Krantz, Strasburg R1, first alternate, and Albert H. Mellinger, Strasburg R1, second alternate.

Martic, Providence, Drumore and East Drumore townships - Samuel Kreider, Quarryville R1, chairman; Carroll B. Herr, Holtwood R2, vice chairman; Wilmer P. Bolton, Holtwood R1, regular member; J. Scott Wolff, Quarryville R2, first alternate, and J. Fred Shenk, Archery Road, New Providence, second alternate.

Fulton, Little Britain and Colerain townships - Jesse Wood Nottingham R2, chairman; Clifford W. Holloway Jr., Peach Bottom R1, vice chairman; Melvin C. Boyce Jr., Quarryville R2, regular member; Earl M. Linton, Kirkwood R1, first alternate, and Dean Roland, Kirkwood R1, second alternate.

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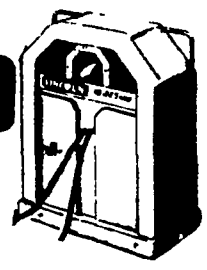

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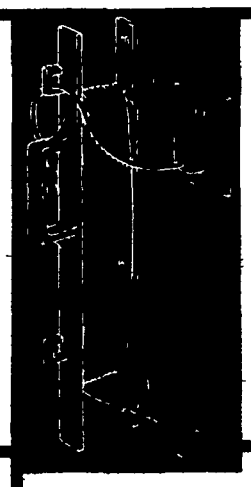

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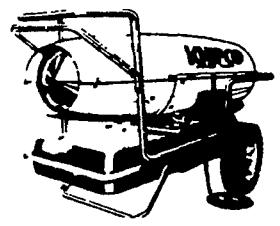

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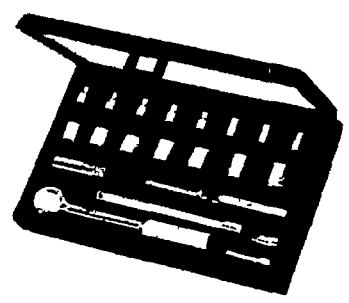

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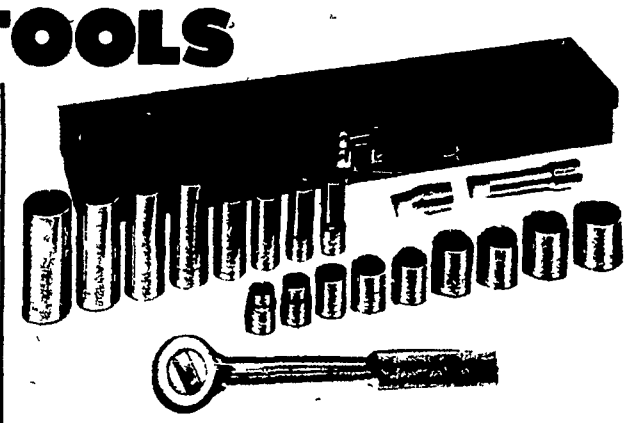

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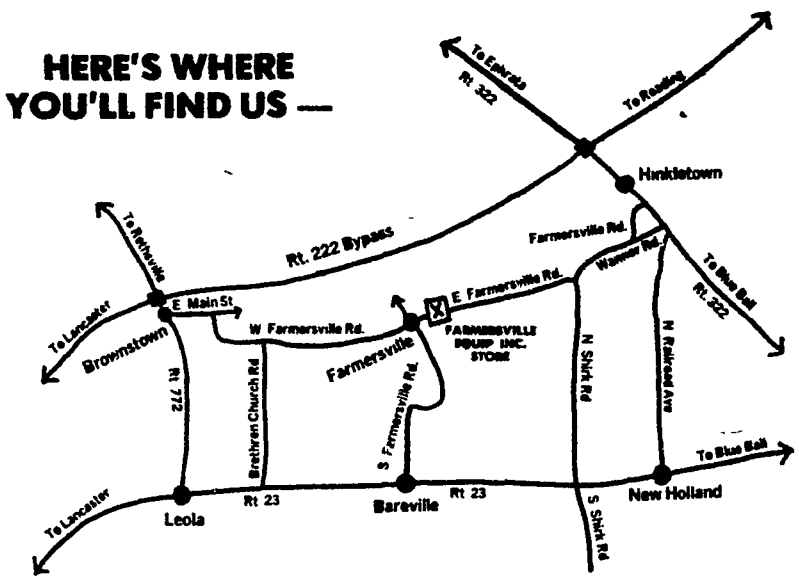

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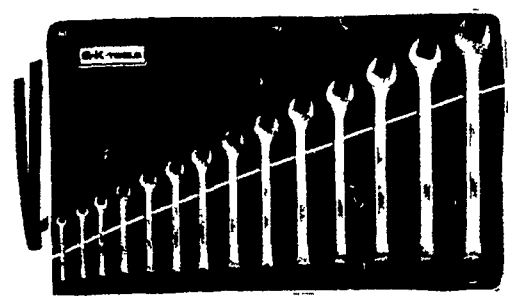

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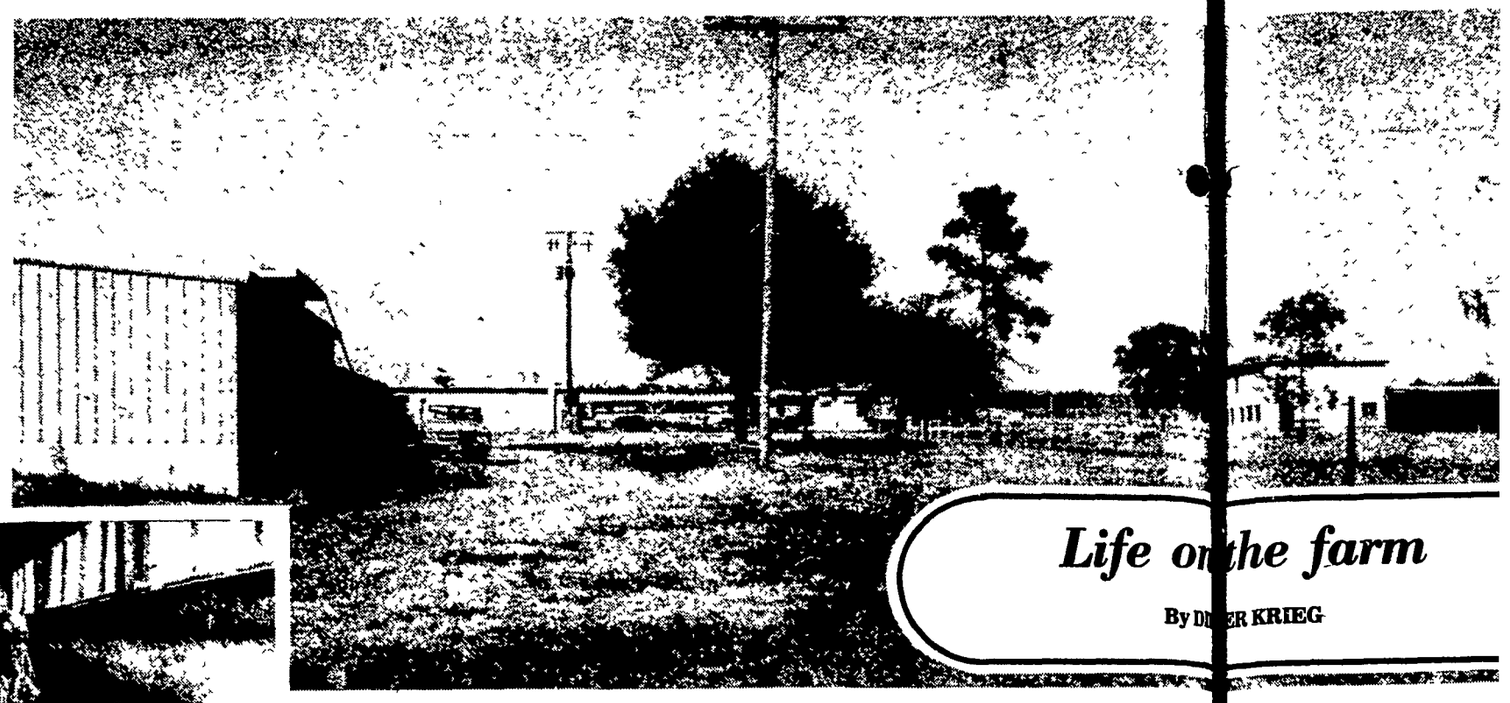

Life on the farm

By DIETER KRIEG

Except for pasture, cows receive their concentrates and roughage in the 112-stall milking barn. Cows are milked in stalls, 56 in a row. While one side is being milked, the other side is being readied, until the entire milking herd has been run through.

Mecklenburg Farm, located west of Jacksonville, Fla., is owned by Mr. and Mrs. Paul-Friedrich Krieg, former Pennsylvanians and immigrants from Germany. The farm has approximately 1000 head of dairy cattle, about 50[illegible] which are of milking ag Begun in 1968, it is [illegible] largest established herd registered Holsteins i[illegible]e South. To either side the above photograp[illegible]re pictures of a wood

A visit to my father's

BALDWIN, Fla. – For the Krieg family, life on the farm has included dairying near the shores of the Baltic Sea in northern Germany, three years in the Rochester, N.Y. area, three years in southern Lancaster County, and nearly a decade in York County before finally settling in the Sunshine State.

My parents moved to Florida nine years ago, preferring that state's flat land a[illegible] warm weather to condition found in Pennsylvania[illegible]e farm they found and pu chased included 586 ac[illegible] of year-around pasture, a 1 stall milking barn, a d[illegible] house, large utility buildin and 341 head of Holsteins.

Since then, numerous [illegible]provements and additions hav been made. There's a g[illegible]tic all steel barn, for exampl

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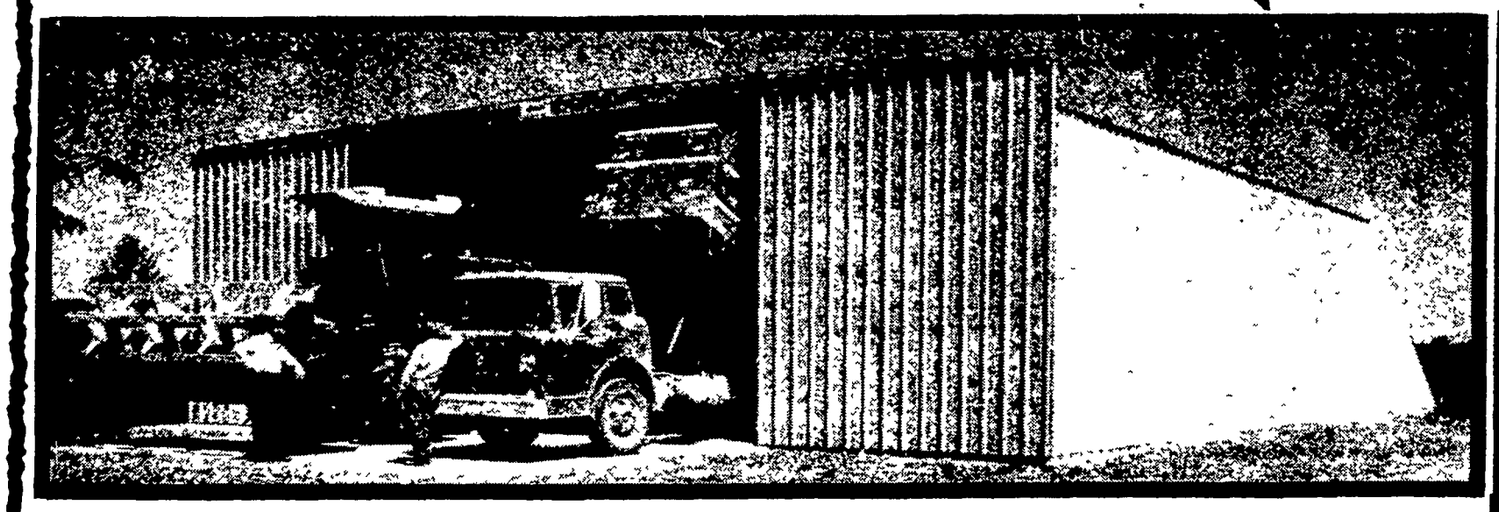

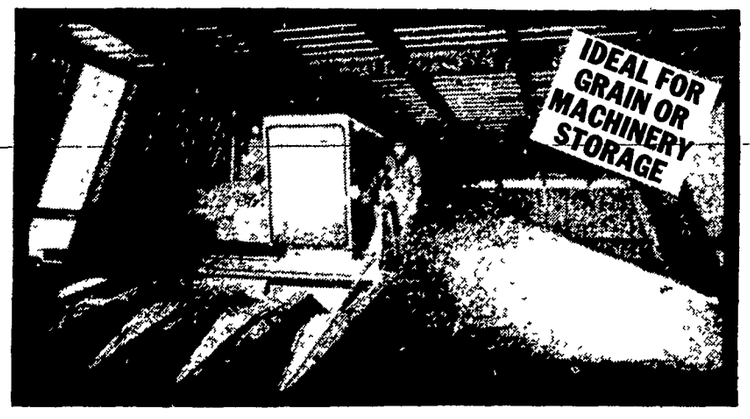

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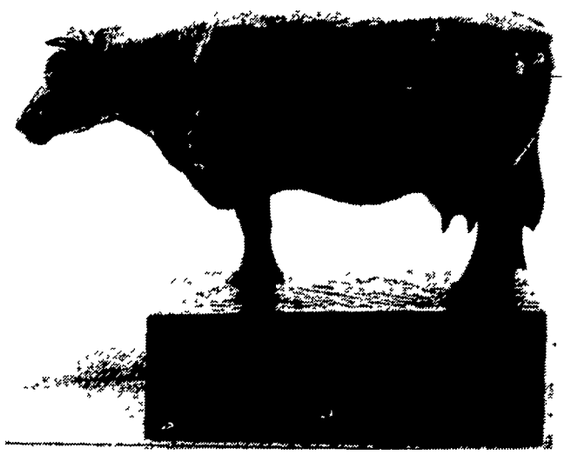
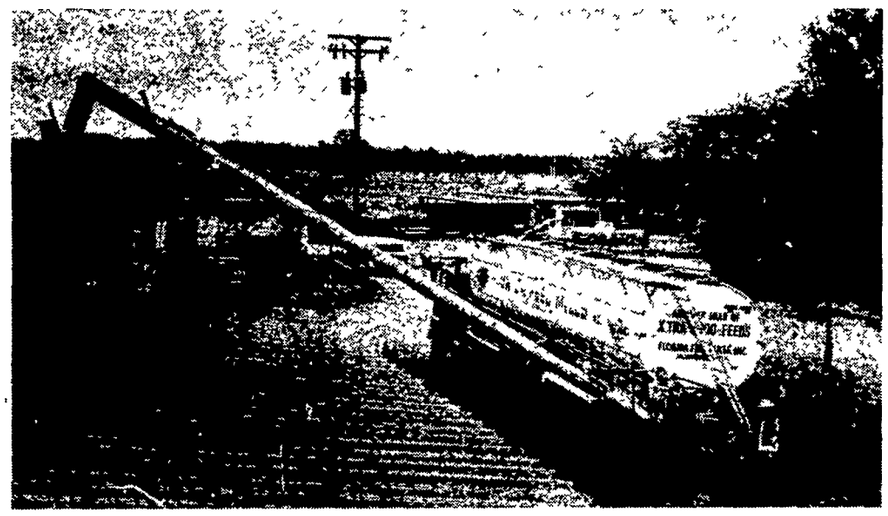
Life on the farm

By DIETER KRIEG





Over 21 tons of feed are hauled in every other day to nourish the cows and young stock at Mechlenburg Farm. Florida diary farms, because of their size, have trucks coming and going around the clock. Much of the feed is brought in from out of the state.

y father's dairy farm

y cattle, about 50 of which are of milking age. un in 1968, it is the largest established herd of stered Holsteins in the South. To either side of above photograph are pictures of a wooden model of a champion cow my father owned in Germany. The solid wood carving stands nearly 1½ feet tall and was created by a master craftsman as a high honor production award.

state's flat land and warm weather to conditions nd in Pennsylvania. The farm they found and purased included 586 acres of year-around pasture, a 112 l milking barn, a dairy house, large utility building, 341 head of Holsteins.

nce then, numerous improvements and additions have n made. There's a gigantic all steel barn, for example, which covers an area equal to 1½ football fields. A barn for calves and heifers has room for 600 head. Facilities for bull pens are also included, and the old 1500 gallon milk tank was replaced years ago with one which has a 3500 gallon capacity. The new stainless steel pipeline is three inches in diameter.

(Continued on Page 26)

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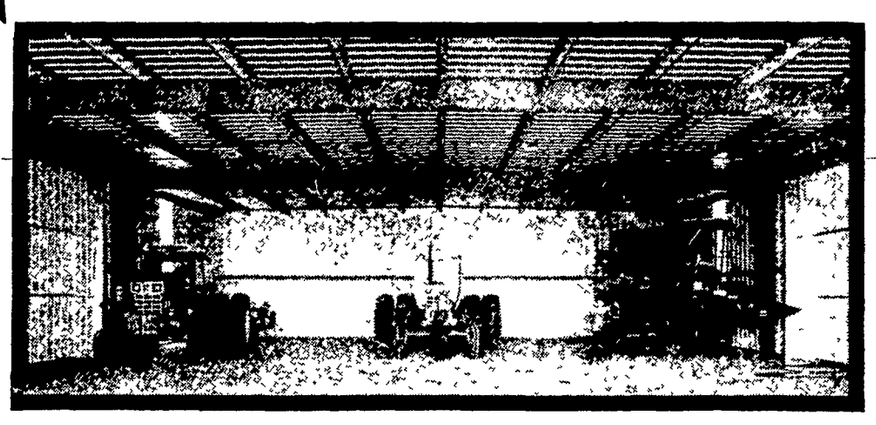

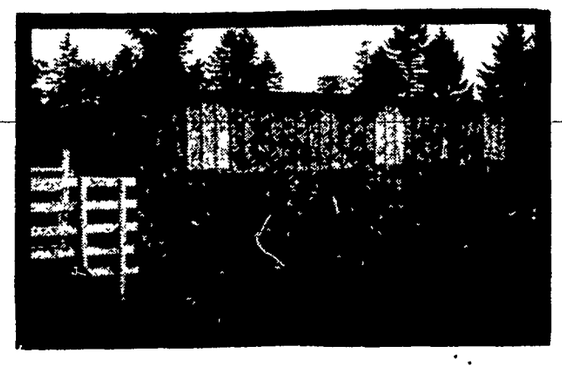

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Proper fence construction builds satisfaction

MIDDLETOWN, Ohio - Fence construction takes skills which, if applied properly, will bring about deep satisfactions of a job well done. It's no secret that a properly built fence along some road frontage - or anywhere on the farm - is a source of pride for the farmer.

While a neatly erected fence might justifiably be termed a work of art, it's not difficult if you know how. The folks at Armco Steel Corporation offer some tips, as illustrated in the accompanying sketches.

Stretching the wire is important, for example, and proper methods should be used. There are ways you can tell when the right amount of tension has been reached, as shown.

The way the staple is driven into posts may well determine how long the fence will be held in its proper place. The sketch illustrates what's wrong and what's right.

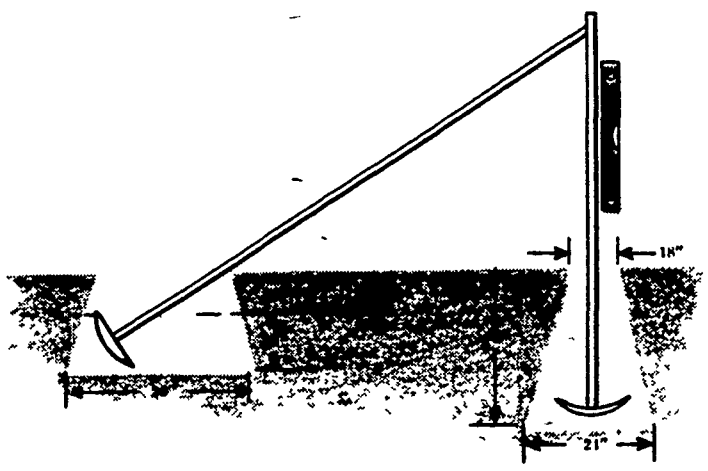
Old disk blades welded to steel post ends before setting in concrete give better anchorage for corner post assemblies. The concrete base should be made biggest at the bottom to reduce the chances of frost heaving the posts out of the ground. It's also recommended that the concrete base be beneath the frost line, as shown in the accompanying drawing.

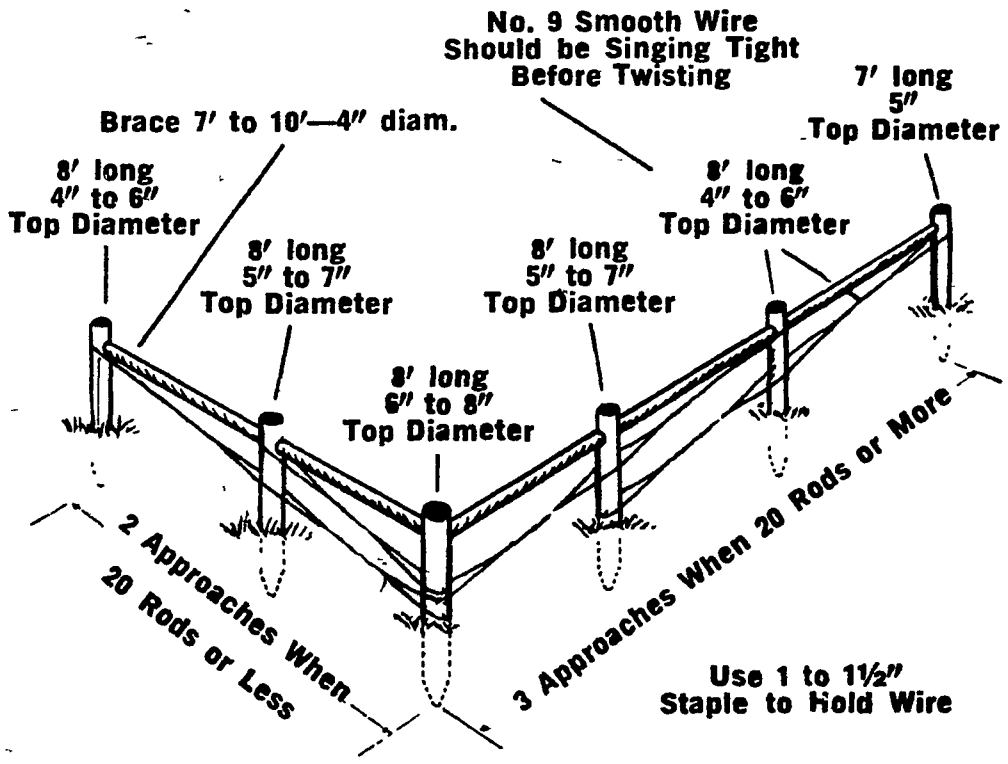
Solid corner construction is imperative to sound fence construction. A pulling force of 3000 to 4500 pounds often results on corner assemblies, so proper anchorage is a must.

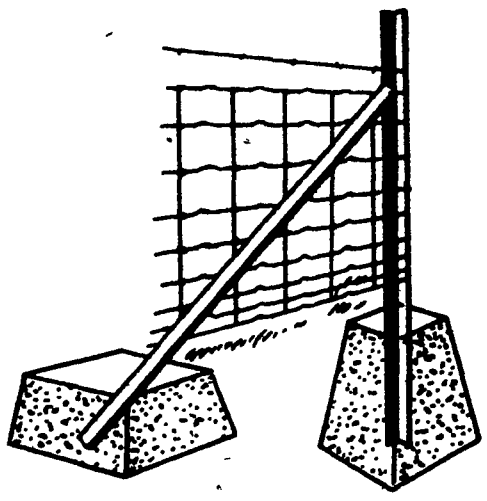
Posts should be at least 3½ feet deep and tamped solidly.

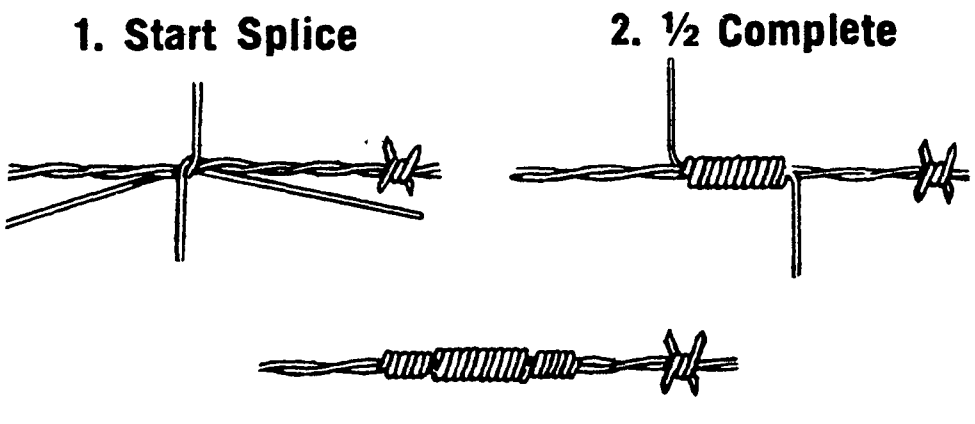
When the time comes to splice the wires, the "Western Union" splice is a good one to use, especially for barbed wire. It's done as shown in the drawing.

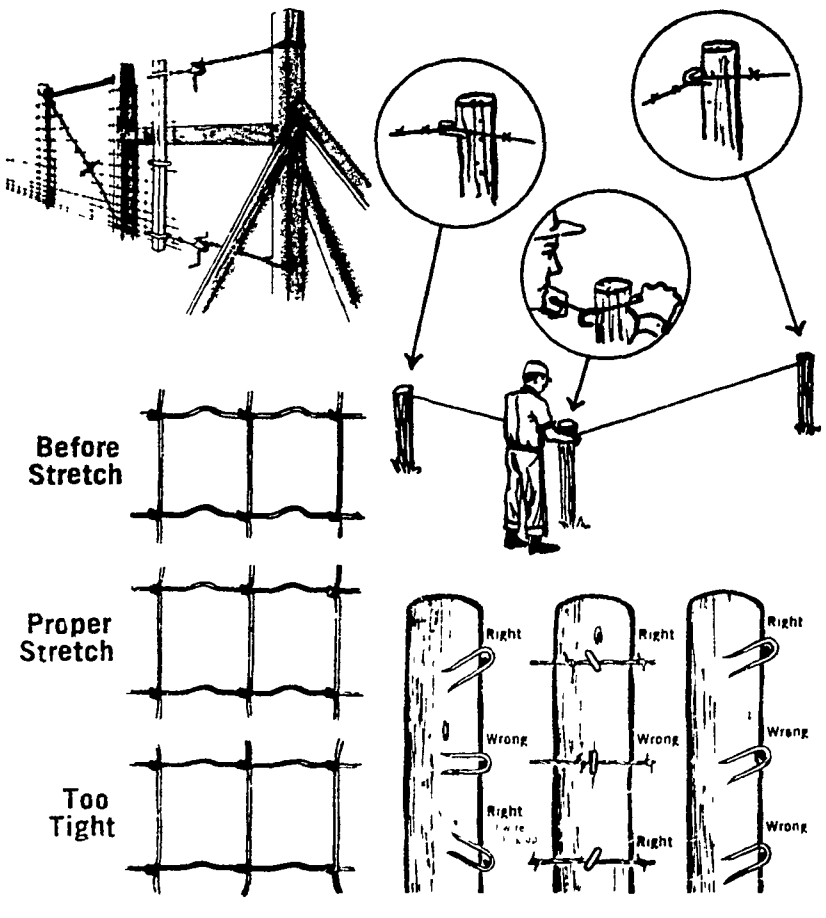
When it's all done, the farmer should have a fence which will not only last, but be a compliment to his farm as well.











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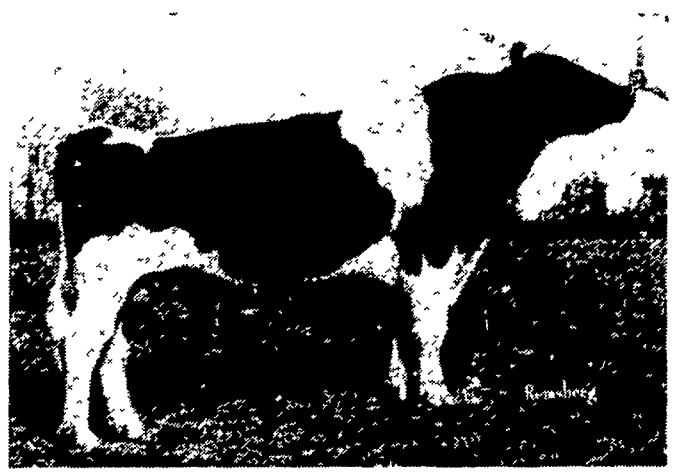
15H123 Whittier-Farms Apollo ROCKET--GP & PQ

1,851 Daus in 815 Herds Ave	17,810M	3 5%	618F
Pred. Dif (99% rpt.)	+2,091M	+$161	+40F

218 Classified Daus. Ave 77 2 (act) 79.0 (age-adj.)



15H157 Diamond-S Pietje STANDOUT--GP & PQ

120 Daus in 84 Herds Ave	16,885M	3 5%	585F
Pred Dif (86% rpt.)	+1,415M	+$93	+13F

26 Classified Daus Ave 78 2 (act) 79 9 (age-adj)

15H175 Lawcrest MARVEX--VG

55 Daus in 45 Herds Ave	17,498M	3 6%	627F
Pred Dif (69% rpt)	+1,292M	+$110	+34F

(no official type summary to date)

15H170 Vincent-View Molly CHIEF--VG & PQ

116 Daus in 82 Herds Ave	16,896M	3 5%	594F
Pred Dif (82% rpt)	+1,078M	+$69	+8F

(no official type summary to date)

15H250 Coldsprings Astro BOOTLEG--VG & PQ

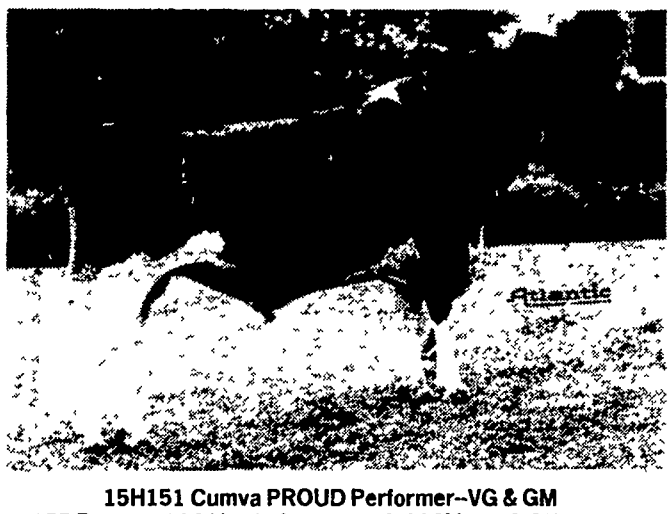
21 Daus in 3 Herds Ave	21,560M	3 1%	679F
Pred. Dif. (30% rpt.)	+1,043M	+$63	+5F

19 Classified Daus Ave 82 2 (act), + .45 PDT

15H177 Shade-Acres WILLIE Star--VG

54 Daus in 44 Herds Ave	16,670M	3 7%	612F
Pred Dif. (69% rpt)	+939M	+$72	+18F

(no official type summary to date)



15H151 Cumva PROUD Performer--VG & GM

155 Daus in 105 Herds Ave.	15,326M	3 6%	559F
Pred Dif (89% rpt)	+786M	+$67	+21F

37 Classified Daus Ave 79 9 (act), +1 06 PDT

3G145 Kellogg Minnies CHOICE--GS

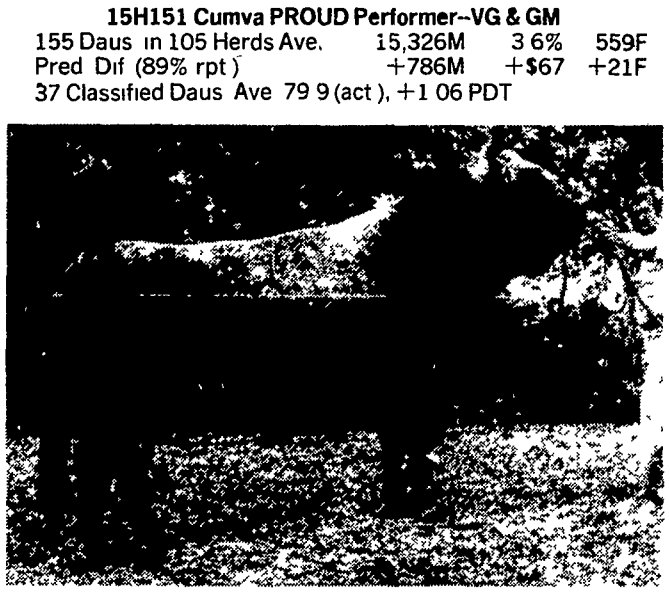
91 Daus in 40 Herds Ave	11,417M	4 4%	508F
Pred Dif (79% rpt)	+1,303M	+$131	+52F

36 Classified Daus Ave 76 2

15H114 Kilinsdale Ivanhoe JACK--VG & GM

8,724 Daus in 2,149 Herds Ave	15,680M	3 5%	554F
Pred Dif (99% rpt)	+778M	+$38	−4F

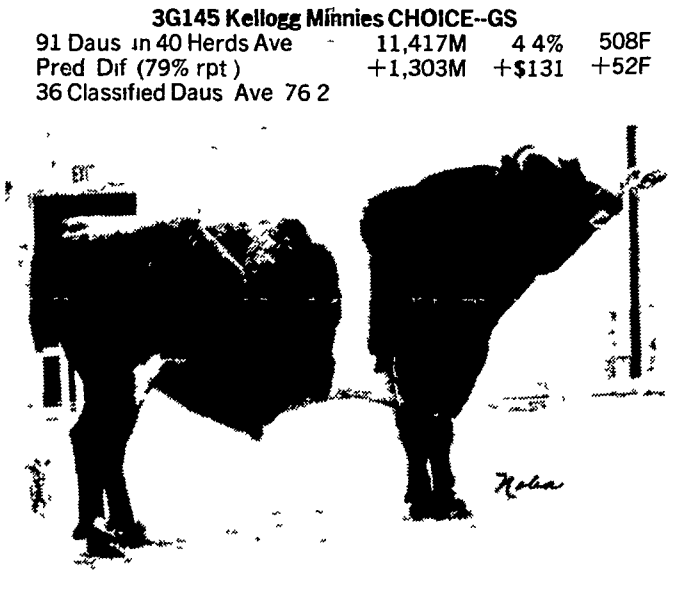
2,372 Classified Daus Ave 79.3 (act) 79 6 (age-adj)



1B59 Bridge View DISTINCTION--VG & Sup.

65 Daus in 12 Herds Ave	14,156M	3 6%	510F
Pred Dif (57% rpt)	+978M	+$87	+29F

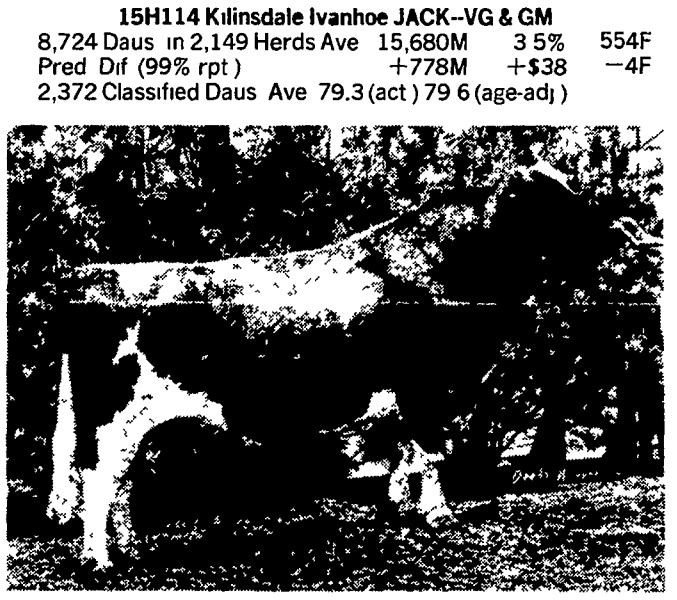
26 Classified Daus Ave 84 0



1J129 Mills EMPEROR

36 Daus in 11 Herds Ave	10,796M	4 8%	521F
Pred Dif (53% rpt)	+1,104M	+$114	+47F

6 Classified Daus Ave 84 0



3A73 Mar-Ral COMMANDER'S Pride--VG & D.Ap.

1,173 Daus in 347 Herds Ave	12,678M	3 8%	479F
Pred Dif (97% rpt)	+1,000M	+$76	+18F

353 Classified Daus Ave 84 8

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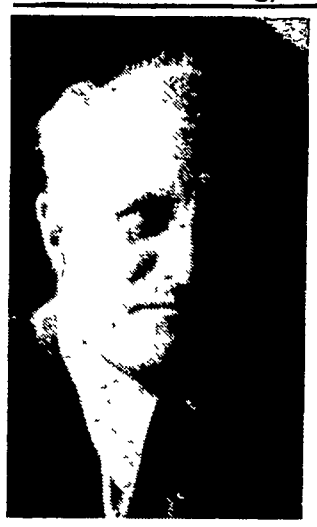

K.D. Linde

Sam Long

Paul Herr

Marvin Herr

Don Trimble

Herbert Shelly

121 Lancaster herds top 600 pounds

(Continued from Page 1)

Harold Shelly of Manheim had 14 Ayrshires milk an average of 15,830 pounds of milk and 644 pounds of butterfat per cow to earn him the top spot among Lancaster County Ayrshire breeders. In the Brown Swiss division, it was Donald Trimble, Peach Bottom. His herd of 39 tested an average of 14,195 pounds of milk and 596 of butterfat.

Jersey honors went to the father and son team of Paul and Marvin Herr, whose 34 cows are stabled on their farm just west of the Buck. Averaging 11,477 pounds of milk and 553 pounds of butterfat, the southern Lancaster Countians displaced defending champion George Hough of Peach Bottom. Trimble and Shelly repeated as champions from last year along with Linde.

For mixed herds, a fourth southern Lancaster County herd came into the forefront. Samuel Long, Peach Bottom, had his 50 head average 16,154 pounds of milk and 622 of butterfat.

Perhaps the biggest record of all was one which went by almost unrecognized, and certainly without the forwarding of a handsome plaque.

Out of the 438 herds on DHIA test in Lancaster County, 121 eclipsed the 600 pounds of butterfat mark. Two more stood at 599, four more at 598, three more at 597, two more at 596, three more at 595, and so on down the list. In comparison, a record 71 herds topped 600 pounds of butterfat a year ago.

This year's county DHIA average, at 14,424 pounds of milk and 555 pounds of butterfat, compares with 13,762 pounds of milk and 529 pounds of butterfat for 1976. The number of cows on test in the county keeps growing too.

According to statistical information released by the Red Rose Dairy Herd Improvement Association, 24,270 cows were on test this past year. A year ago that figure stood at 23,600, five years ago it stood at 19,543, and 10 years ago it was just 16,641. When the DHIA program started in the Garden Spot in 1939-40, a meager 941 cows were on test.

Lest these figures bring unwarranted satisfaction, Red Rose DHIA president Robert Kendig points out that the County has 85,800 cows within its borders, thus leaving a lot more room for membership and improvement. He urges DHIA members to do their part in promoting the program and utilizing the figures derived from it. If used wisely, the dairy production statistics can be an invaluable management tool, several speakers mentioned during the program.

Compared to the state average, the County standard for milk production is 300 pounds ahead of the composite total for all 67 counties. Butterfat production is 10 pounds ahead of the state average. The average value of the milk produced by the average Lancaster County cow on DHIA is pegged at $1459 this year, compared to $1406 a year ago and $1423 for the state. The value over feed costs is $819 this year, was $810 last year, and stands at $803 for the state. The average cost to produce 100 pounds of milk in the Garden Spot, according to DHIA calculations is $4.43, compared to $4.33 last year. The state average is calculated at $4.38. The average number of cows per herd in Lancaster County stands at 55.4, up from 53.8 a year ago, and identical to the average for the state. The per cent cow-days in milk stands at a rounded off 86 on all counts.

To further recognize herds which exceeded 600 pounds of butterfat this year, we list the owners, addresses and production standards. More detailed information may be obtained from the Red Rose DHIA or the Lancaster County Extension Service.

OWNER'S NAME ADDRESS	BREED	NO. COWS	% DAYS IN MILK	MILK LBS.	FAT LBS.
J.Z. Nolt Leola	RH	33.02	82.5	19,349	725
R. Edwin Harnish Christiana	R&GrH	40.0	89.8	17,250	716
Rufus G. Martin Ephrata	RH	26.0	85.7	18,410	708
Henry E. Kettering Lititz	RH	53.7	86.2	18,021	695
Curtis E. Akers Quarryville	RH	57.7	86.6	17,940	694
Russel L. Kline Denver	R&GrH	35.6	88.6	17,943	689
Naaman W. Stoltzfus Kinzers	RH	29.9	88.4	17,125	688
J. Wilmer Eby Mt. Joy	R&GrH	61.0	84.4	18,229	687
John Omar Stoltzfus Honey Brook	RH	49.2	88.8	18,101	687
Gusty Crest Farm Lancaster	R&GrH	31.5	90.0	17,421	687
Moses L. Lapp Gordonville	RH	34.8	88.1	17,575	686
Christian Zook Gap	R&GrH	43.3	84.0	18,029	684

(Continued on Page 27)

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RD 1 Box 28
Paradise, Pa. 17562
717-687-7353

OR

LARRY WEAVER
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New Holland, Pa. 17557
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Shelhamer warns of impact on ag from economic squeeze

HARRISBURG -- Agriculture Secretary Kent Shelhamer this week warned Pennsylvanians of the potential impact of the current "economic squeeze" on farmers, stating the effects could be "every bit as damaging as those of a prolonged coal strike."

Shelhamer said announcements from Russia and China on shortfalls in grain crops would probably result in larger "foreign buys in those commodities than had been anticipated" but tempered his remarks by adding the hike in exports would not be sufficient to provide the economic help the farmer needs.

The Agriculture Secretary said two years of bumper crops in the United States and elsewhere in the world have driven farm prices below the production cost level. "The Wall Street Journal," he said, "has taken note of something I have been saying for a long time. The nation's 2.8 million farms provide jobs for about 4.4 million people including the farmer, family and hired hands, and that's a bigger work force than the automobile or steel industry employ."

The Wall Street Journal in its December 6 issue ran an article entitled, "Hard Times, Farmers Are Troubled" and Shelhamer commended the newspaper for what he termed a "clear assessment of the farm situation which has led to the talk of strikes within agriculture."

Shelhamer said he did not feel any major agricultural strike would take place but added "the present cost-price ratio in agriculture may lead to results the same as if farmers did strike in large numbers."

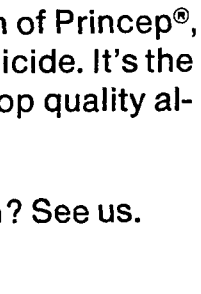
The former legislator indicated farmers were in the process of cutting back spending on personal and production needs "even more than the Wall Street Journal seems to think."

If that trend continues, said Shelhamer, "manufacturers of farm equipment, makers of fertilizer and seed firms, and other farm suppliers would face a "sharply diminished market" and government would have to "reach much deeper into the tax money pocket."

Shelhamer, who said he favored less government involvement in agriculture, pointed out it will be necessary for Washington to make over $1 billion in subsidy payments to wheat farmers, alone, this year because prices failed to reach projected targets in wheat.

"Farmers are also finding it hard to pay back government loans under present conditions," said Shelhamer. "If, as the Wall Street Journal speculates, farmland prices begin to go down as they already have in parts of the midwest, farm assets would drop drastically, and farmers would have to cut back on production spending even more than they are now."

Shelhamer said government's role in any ultimate solution to the dilemma would "have to involve a realistic plan for stabilizing the entire economy including agriculture, not to provide short term relief by unwarranted interference in the farm marketplace, interference which ends in higher consumer prices and little help for farmers."



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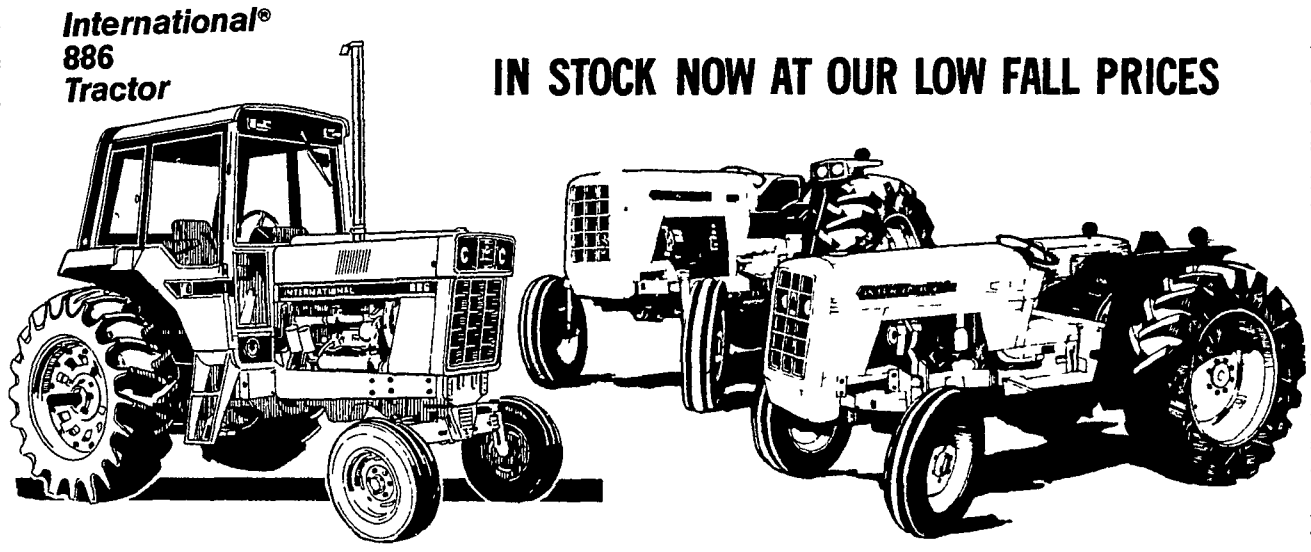

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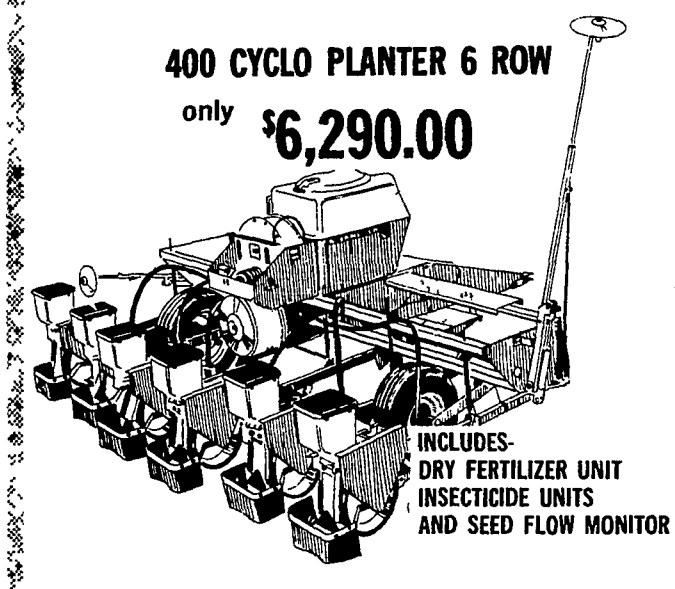

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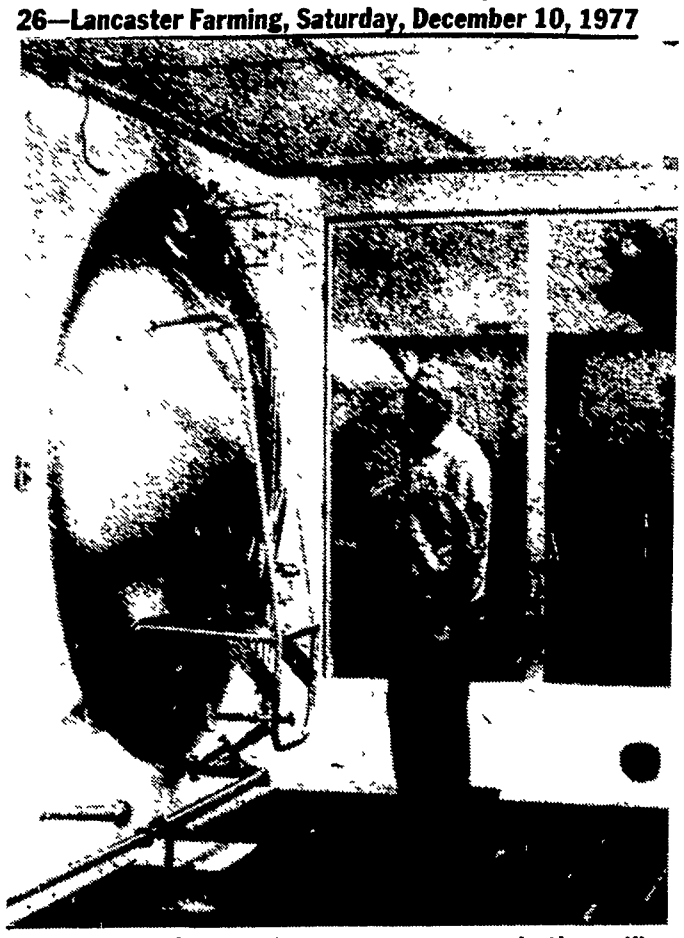

Paul-Friedrich Krieg pauses to watch the milk rise in the glass tube to check production levels. The 3500 gallon tank holds the herd's daily production of about 15,000 pounds.

This steel shelter covers an area equal to 1½ football fields. Constructed to withstand winds up to 200 miles per hour, the building offers shade and dry surroundings to Mecklenberg's 500 head of cows. Florida's Winter weather is well-known for its warmth, and is appreciated by dairy men and cows alike, but heavy rains during the Summer months often create undesirable conditions. This shelter makes it more bearable.

A visit to my father's dairy farm

(Continued from Page 21)

All this was done within the first couple of years that my mother and father lived and worked in Florida, and within just 15 years after arriving in the United States as refugees from communist East Germany.

It's with pride that I present this story and accompanying pictures to readers, a number of whom knew my father - Paul-Friedrich Krieg - during the years he farmed in the Keystone State.

Southeastern Pennsylvania is where he took his first steps to make it on his own again, after having lost all of his possessions in East Germany. That came about as a result of his outspoken and persistent opposition to the communist regime, which was installed by the Soviets after World War II. Included in my father's punishment for practicing a belief in God, free enterprise, free speech, etc., were the forceful taking of his farm, cattle, equipment, personal belongings, and savings. My grandfather, who was legal owner of the farm, was tossed into prison along with my father.

That was 25 years ago. In between now and then came a couple of years in a refugee camp.

But it's the farm in Florida that I want to talk about in this article. It's an interesting place – one which has attracted visits by many Americans and foreigners alike. The University of Florida's agriculture department has it listed as a recommended stop for dairymen who travel through the Sunshine State.

Unique in a dozen or more aspects, "Mecklenburg Farm" stands as the home for the largest herd of registered Holsteins to be found down South. Buildings are of steel and concrete, neat and trim, and surrounded by manicured lawns. The half-mile long lane is bordered on both sides by palm trees which the family planted soon after its arrival. Fences are straight. Calves are confined within their boundaries by chain-link fences.

Dairy farming in Florida is vastly different from what we know and experience up North. Although cows may be

(Continued on Page 37)

Heifers are fed liberally to have them attain breeding size earlier. Mrs. Krieg takes care of all the young calves, a responsibility she has faced with supreme dedication throughout the years.

A young calf "visits" the burial site of "Schmusi," one of the greatest cows Krieg ever owned. Buried next to Schmusi is her dam "Maplehofe Eargaret," foundation cow of Mecklenburg Farm. She was bred by Aaron Glick, Quarryville. A third memorial at the burial site is dedicated to Osborndale Ivanhoe, Schmusi's sire. The Ivanhoe bloodline is strongly represented at Mecklenburg.

121 Lancaster herds top 600 pounds

(Continued from Page 24)

Ellis D. Kreider Quarryville	R&GrH	55.2	87.6	17,781	684
Earl N. Landis Manheim	R&GrH	51.2	89.2	18,235	682
Dan S. Stoltzfus Mt. Joy	R&GrH	43.8	81.6	17,479	680
Rhelda & Lynn Royer Lancaster	RH	52.9	86.6	17,137	680
John K. Peters Manheim	R&GrH	47.0	87.1	18,032	679
Robert Kauffman Jr. Peach Bottom	R&GrH	81.7	88.5	17,775	678
P. Robert Wenger, Quarryville	RH	39.1	88.5	17,535	677
S. R. Shellenberger Mt. Joy	R&HrH	68.4	86.7	18,106	674
Lancaster Mennonite Hospital Farm Lebanon	R&GrH	88.9	90.4	17,270	672
Vernon R. Umble Christiana	R&GrH	66.2	85.4	16,833	672
Mervin Sauder Lititz	R&GrH	40.4	86.7	18,117	671
Jacob S. Dienner Gordonville	R&GrH	36.0	88.2	18,652	669
Abraham Shelly Jr. Manheim	R&GrH	41.4	88.1	18,406	669
Paul S. Horning Stevens	R&GrH	50.8	81.7	17,897	669
Ben K. Stoltzfus Gordonville	R&GrH	32.0	85.3	18,379	668
Paul H. Martin Ephrata	RH	36.2	86.2	17,880	668
John M. Harnish Lancaster	R&GrH	135.9	86.0	17,227	667
J. Mowery Frey Jr. Lancaster	RH	86.6	85.0	16,532	667
Edgefield Farm #2 Quarryville	RH	37.0	90.3	17,823	666
Jonas E. Zook Quarryville	RH	35.1	87.5	17,528	666
John P. Lapp Leola	RH	38.6	90.4	16,822	666
Glenn P. Book Lancaster	R&GrH	36.1	86.4	17,865	665
Elam P. Rutt Ephrata	RH	69.3	85.9	17,505	665
Paul V. Nissley Holtwood	R&GrH	64.1	86.9	17,381	664
K. D. & Else Linde Oxford	RG	48.2	86.2	14,204	663
Furry H. Frey Lancaster	RH	41.2	84.2	16,109	661
J. Clayton Charles Lancaster	R&GrH	44.8	89.6	16,710	659
Paul D. Welk Peach Bottom	R&GrH	62.3	90.4	16,977	658
Ivan S. Stoltzfus Honey Brook	R&GrH	41.9	88.8	17,096	657
Parke H. Ranck Ronks	RH	57.8	84.9	16,338	657
Allen Lee Stoltzfus Honey Brook	RH	34.0	86.5	17,411	656
John M. Weaver & Son New Holland	Mix	82.6	87.9	16,535	655
LeRoy S. Weaver Strasburg	R&GrH	43.3	86.0	17,662	654
Richard N. Sauder Reinholds	R&GrH	38.1	86.9	16,877	654
Paul B. Zimmerman Ephrata	RH	38.1	85.9	15,976	654
Robert F. & Joan B. Book Leola	R&GrH	67.4	85.9	18,606	653
C. Witmer Sherer Manheim	RH	40.6	86.3	17,441	653
Allan R. Shoemaker Kirkwood	RH	45.4	88.8	17,037	653
Arthur D. Wenger Manheim	RH	42.7	88.7	16,391	652
Edgefield Farms Quarryville	R&GrH	60.3	88.1	17,295	651
David L. Landis Lancaster	R&GrH	59.0	89.8	17,104	649
Ivan M. Hursh Ephrata	R&GrH	42.9	89.8	16,720	647
Harold G. Shelly Manheim	R&GrH	34.3	87.7	17,401	646
Conewago View Farms Palmyra	R&GrH	55.0	90.5	15,862	646
Harold G. Shelly Manheim	RA	13.5	88.2	15,830	644
Donald R. Bare Lancaster	R&GrH	60.7	84.1	16,578	642
Hiram S. Aungst Elizabethtown	R&GrH	48.9	90.4	16,419	642
Springarden Farm Gordonville	RH	61.0	84.6	16,557	640
John K. Stoltzfus Paradise	RH	31.6	86.7	17,069	639
Nathan E. Stoltzfus Gap	RH	61.5	86.0	15,365	637
Samuel E. Beiler Strasburg	R&GrH	47.9	89.2	16,684	636
Leon S. Lapp Gap	R&GrH	35.6	89.7	16,499	634
J. Nelson Sangrey Willow Street	R&GrH	32.4	85.6	17,538	633
Harry S. Aungst Marietta	RH	57.6	88.9	16,565	633
J. Earl Horst New Holland	R&GrH	35.1	89.9	17,026	632
Lenewood Farm Oxford	RH	52.0	84.6	16,439	632
Nelson H. Wenger Manheim	RH	31.9	87.6	16,132	631
Rohrer Brothers Paradise	R&GrH	47.3	85.8	16,105	631
Albert E. Fry Manheim	RH	30.8	87.5	15,577	630
Calvin D. Beiler Paradise	RH	49.6	85.6	16,192	629
Stephen J. Stoltzfus Gordonville	R&GrH	36.2	86.5	16,483	628
C. Nevin Hershey Ronks	R&GrH	33.4	86.1	16,194	628
John O. Stoltzfus HoneyBrook	R&GrH	33.2	87.5	16,210	627
Samuel K. Stoltzfus Gordonville	R&GrH	37.3	83.9	16,635	626
Robert L. Shelly Manheim	R&GrH	32.1	86.7	15,457	626
Jay C. Garber Lancaster	RH	127.1	86.8	16,255	625
John S. Wenger Manheim	RH	49.2	90.6	15,813	625
Emanuel S. Smucker Gap	RH	34.2	83.7	16,064	624
Ammon E. Reiff Lititz	RH	36.0	87.2	17,492	623
H. Landis Weaver Quarryville	RH	57.4	88.0	17,321	623
George M. Hurst Lititz	R&GrH	50.8	87.0	16,434	623
Neff Brothers Ronks	R&GrH	59.1	85.9	16,122	623
Ressler & Stoltzfus Ronks	Mix	63.3	87.6	15,703	623
Ezra & Gerald Martin Ephrata	RH	46.8	86.7	16,662	622
H. Harold Musser & Son Mt. Joy	R&GrH	49.9	89.1	16,509	622
John B. Stoltzfus Jr. Ronks	R&GrH	32.3	87.6	16,367	622
Samuel F. Long Peach Bottom	Mix	49.7	83.5	16,154	622
J. Ray Ranck Paradise	R&GrH	43.7	85.0	16,107	621
Raymond & Louise Witmer Willow Street	RG	73.0	88.8	12,822	621
Harry L. Troop Cochranville	RH	44.3	87.6	16,263	620
Ray P. Bollinger Stevens	R&GrH	44.7	88.0	15,530	620
Glenn E. Burkholder Washington Boro	R&GrH	60.3	88.7	16,692	619
Don Ranck Paradise	RH	53.3	89.0	17,334	618
J. Robert Kindig Conestoga	R&GrH	37.1	84.9	15,472	616

(Continued on Page 39)

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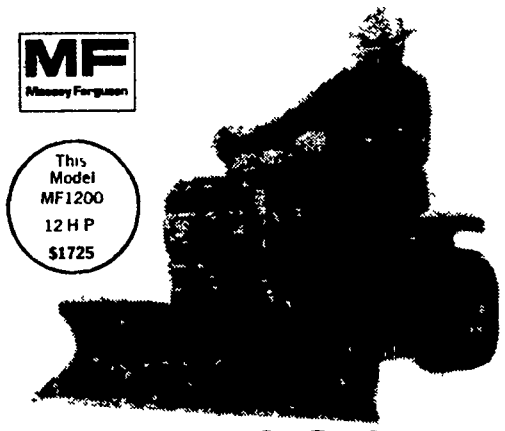

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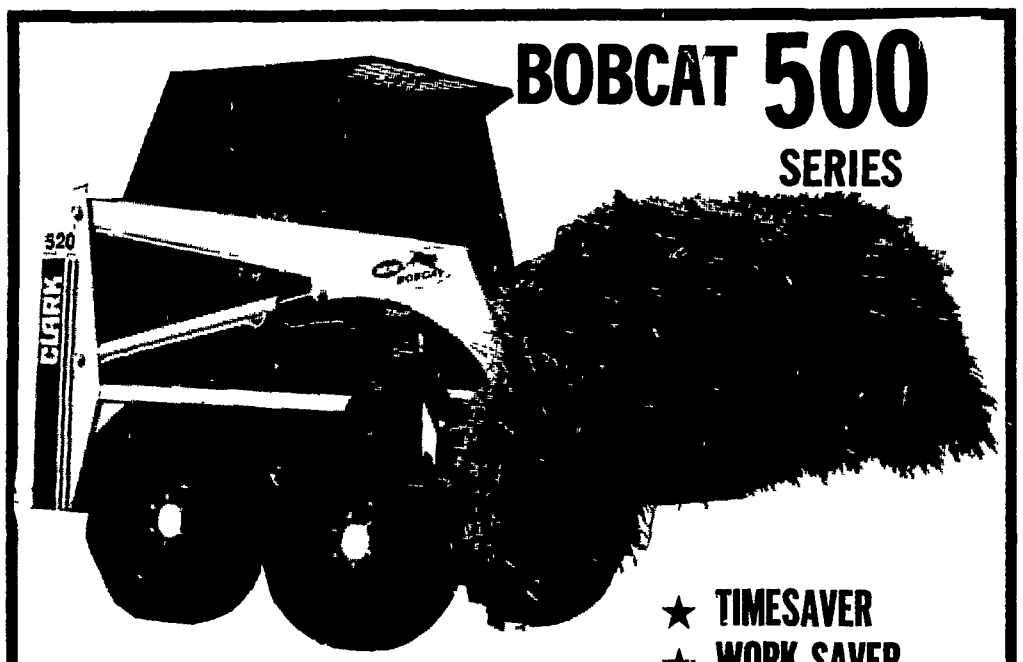

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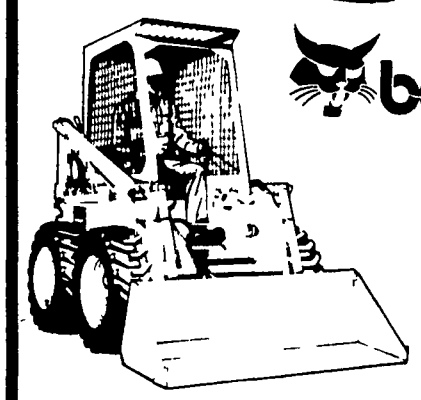

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Painting brings national honors to Stevens man

Never content to sit still, Williams works on another painting, adding to the number he has already completed.

Bruce S. Williams, Stevens R1, proudly shows the painting that won him best of show honors at the recent National Grange Convention.

By KENDACE BORRY

STEVES – About four years ago, Bruce S. Williams, Stevens R1, took up the hobby of oil painting, and has been working at the art ever since. This year at the recent National Grange Convention, held in Greensboro, N.C., one of his paintings was honored with best-of-show ribbons in the art class division.

The painting which won, is his wife, Kathrine's favorite. It portrays a seacost scene of Owl's Head Lighthouse, Maine. The artwork was painted from a photograph Williams took while in that state.

Williams stated that oil painting was something that he wanted to do all his life, but never really found the time for until he retired. Then, with a little encouragement from his wife, he started painting, and hasn't quit yet. He estimates that he has made approximately 24 oil color paintings so far.

In order to enter the national contest, he first entered his painting in the local, subordinate level, where it won and moved on to the county level. Next step was the state convention where it again won, and was entered in the national competition.

Williams mentioned that he was surprised when he heard that he won the honors, which was announced to him shortly after he landed in Greensboro for the convention. Although he was well pleased with the award, he smilingly admitted that he never thought he would get it.

The inspirations for Williams' paintings come from different sources. Sometimes he uses photographs and sketches the foundation of his painting from them. Other times he just starts to draw and makes up his own creations. Besides doing landscapes, he also has painted animals and birds.

Before retiring, Williams worked for the Henry Janssen Corporation, Tulpehocken Farm Division. Spring Township, Berks County, where he put in 44 years of service. He served as a landscape gardener, forester, and caretaker of the property, being in charge of 22 units of the farms.

Now that he is retired, Williams has time for his many hobbies. He still keeps his hands in gardening, growing his own vegetable garden, and doing odd gardening jobs in Reamstown. After the building of his present home, he did the inside finishing and the landscaping of the house grounds, besides building the outside tool shed. He also manages to find time to do wood finishing and carpentry, making furniture including grandfather clocks, benches, and cabinets to name a few examples of his handiwork.

Williams first joined the Grange when he was 14. He helped organize the Kissinger Grange in 1949 and served as its first master. He is presently serving the group as treasurer and is also steward of Berks County Pomona Grange 43. He stated that he has put a lot into the grange and gotten a lot out, including much satisfaction.

Mrs. Williams is also active in the grange and a prize winner of her own right, too. This year she was named the second place state winner in crewel needle work.

Looking to the future, Williams hopes to someday eventually have his own art show. Already some of his paintings have been exhibited in local shop windows, and in the future when he believes that he has enough of his works, he'll arrange for a showing. He also hopes to sell some more paintings in the future, having already made some sales in the past.

WHAT'S NEW

BELT SHUTTLE FEEDER

A belt shuttle feeder has been added to the automation product line of A.O. Smith Harvestore Products, Inc.

According to a company spokesman, the new feeder is easily installed, with few critical tolerances; features a positive drive and cog mechanism for smooth, distortion-free operation; provides high-volume feeding with minimum separation; has no brushes, chains, or pans; and is available in lengths up to 250 feet.

The Harvestore belt shuttle feeder may be installed indoors or outdoors, and is equally adaptable to installation in feedlots or free stall and stanchion barns. Economy, quiet operation, and low power requirements are among other benefits claimed for the new Harvestore feeder

PRESSURE FOUNTAIN

"Thrif-T-Fount", a new low cost unheated pressure fountain from Ritchie Industries, Inc. utilizes a big-throated valve and non-siphoning design to deliver ample fresh, clear water to hogs, cattle and horses.

Designed primarily for Summer watering in a variety of farm applications, this new unheated fountain provides twin troughs at a 4¼-inch drinking height. Legs at both ends of the 11-inch by 25 3/4-inch low-profile unit keep it above mud and manure. It weighs 17 pounds.

This rugged new all-purpose animal fountain includes a handy clean-out drain and, like the full family of dependable Ritchie livestock fountains, is designed for years of durable service.

For more information, write: Ritchie Livestock Fountains, 120 South Main, Conrad, Iowa U S.A. 50621.

"Which Hybrids do I plant? The Senecas— what else!"

Last year, the incredible Senecas 137 140 and 149 sold out again for the third year in a row

Big early yields that get safely into the bin, bunk or silo is the main reason Quick come-up fast dry-down cold, wet weather tolerance and fantastic standability are among others All good reasons why you should include the Senecas in *your* corn program for '78

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1. Crumbly, More Porous Soil
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Agri-SC soil conditioner works on the soil by breaking down its plasticity 20 per cent and increasing the permability and penetration of the water by 100 per cent. Tests to prove these results have been done by the Geological Service of Omaha, Nebraska. By using Agri-SC, the farmer should be able to save on his equipment wear, his fuel use, and the fertilizer needed on his fields.

Agri-SC soil conditioner loosens the soil so air and water can move down into the ground. Farmers across the nation are using Agri-SC to eliminate wet spots and reduce run off. Agri-SC will also increase the effectiveness of existing tile.

FOR MORE INFORMATION
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Rural fire co. assistance available now

Rural Fire Co. Grants Available

POTTSTOWN — The Pennsylvania Bureau of Forestry, Department of Environmental Resources announced that applications for 1978 rural fire company assistance are now being accepted. The Pennsylvania portion of the Rural Community Fire Protection program, a federal cost sharing program, has been funded at $102,100 for the fiscal year of 1978.

The Rural Community Fire Protection program is administered statewide by the Pennsylvania Bureau of Forestry. Under RCFP, cost sharing funds are available to organize, train, or equip local fire forces in rural areas and in communities under 10,000 in population. The key objectives of this program are to save lives and protect property in unprotected or unadequately protected rural areas.

Unfortunately, the statewide limit of $102,100.00 in grant money prohibits accepting applications for large, expensive trucks. There are no funds available for structures, ambulances, and non-fire search and rescue equipment.

Additional information and Rural Community Fire Protection program applications are available from the district forester, Pennsylvania Department of Environmental Resoures, Bureau of Forestry, Pottstown, R2, Pa., 19464.

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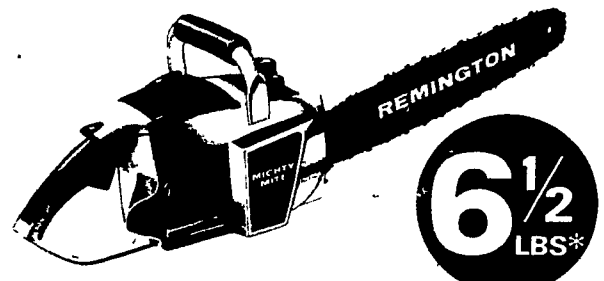

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WHAT'S NEW

BULK FEED BINS

WATERLOO, Iowa -- Hawkeye Steel Products announces a new line of Pride of the Farm bulk feed bins in 39 sizes with capacities from three to 89 tons. The new bins are available in six-, seven-, 12-, and 15-foot diameters.

Complete galvanizing of all parts on the new Pride of the Farm bins is standard, including hot dipping of legs and dichromate dipping of bolts. The hopper and roof sections have edges that are die-formed for greater rigidity and sealing qualities. Double-caulked seams and bolts with neoprene washers make these sealing qualities complete.

Standard on all Pride of the Farm bulk feed bins in the "all-out boot", with a one-piece injection molded transition for easier feed down. A flow control valve regulates feed control and a new, quick clean out permits access to the boot without tools. A 16-inch boot bottom is weather-tight and eliminates bridging, jamming, and sticking of most flowable materials, a Pride of the Farm spokesman said. A 25-inch "super all-out boot" is available for harder flowing, more bulky feeds. Separate bottoms for four-, or six-inch augers are interchangeable. Universal parts kits for both four and six-inch augers fit either boot.

Other features of the new Pride of the Farm bulk feed bins include a "flip top lid" which can be closed or opened easily from the ground with a positive chain action control. Made of deep-drawn galvanized steel, it is weather-tight and standard equipment on all bins except those with pneumatic filling systems. Pride of the Farm's roof ladder is standard equipment on all bins except the six-foot-diameter models.

INSECT CONTROL UNIT

Gardner Manufacturing, Horicon, Wis. a leader in electric insect control units, introduces the Model 361 Electrocutor. Lightweight aluminum construction offers easy handling from ceiling or wall mounts. Extremely versatile, the Model 361 features two-20 watt black light florescence tubes for insect attraction. Optional tray extends beyond ends assuring maximum insect entrapment. The model 361-meets safety and health requirements.

For more information contact Mr. Boyd Rohde, Gardner Manufacturing, Horicon, Wisconsin 53032.

Pulmonary testing set

LANCASTER -- The monthly pulmonary function testing conducted by the Lancaster County Lung Association will be held in the Association office, 630 Janet Avenue, Lancaster, Pa., on December 20.

Hours are from 10 a.m. to 8 p.m. Cost is $2.00. An appointment is necessary and may be made by calling 397-5203.

This test is useful in diagnosing early symptoms of lung disease. Persons experiencing shortness of breath, prolonged cough and who are heavy smokers are advised to take the test.

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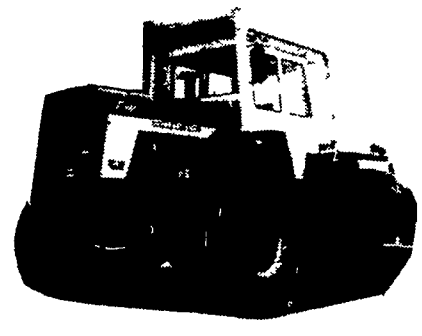

IH - 4166 W/AC CAB
★ 3 Point Hitch
★ New 28.1 x 26 Tires
★ 750 Hours
$25,000.00

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INTERCOURSE, PA.

The Grassland FFA Chapter held their Greenhand ceremony in the High School cafeteria recently. Forty-five members received the degree. Those members included Steve Boley, Dwayne Carvell, James DeHart, Scott Eager, Tim Hammond, David Karmer, Randy Kurtz, Kevin Martin, Mike Martin, Ronald Martin, Dave Reiff, Cliff Reifsnyder, Carl Senn, Leonard Snader, Fred Stover, Neal Witmer, Glenn Yoder, Jay Zimmerman, Ken Zimmerman, Ray Arment, Dale Burkholder, Toni Conner, Kevin Devine, Jonathan Force, Glen Hartz, Barb Herr, Lance Horst, Keith Huyard, Carl Kulp, Brian Martin, Larry Martin, Randall Martin, Barry Overly, Roy Reiff, Lisa Russell, Jeff Sauders, Vicki Sheely, Terry Simpson, Tom Swavely, Dave Witwer, Tim Youndt, Dale Zeiset, Charles Zimmerman, Galen Gockley, and Gary Good.

Average farm accident costs four steers

COLLEGE PARK, Md. – Simple arithmetic can verify that "Safety is a Good Investment," report Extension specialists at the Univeristy of Maryland.

A survey taken last year by Farm Bureau women in conjunction with the Maryland Safety and Health Federation showed that average time lost by farm accidents in the state is 13 days, reports Dr. Larry E. Steward, acting chairman for agricultural engineering at the College Park campus.

And most of the accidents happened to full-time farmers–not to the more inexperienced part-time farmers as one might expect–Dr. Stewart pointed out. He attributes this phenomen to the fact that full-time farmers sometimes get in too much of a hurry to accomplish farm work in phase with weather conditions and other factors–forgetting some of the common-sense safety rules.

Such lapses could cost a farmer dearly in terms of today's medical and labor costs. If you assume that half of the 13-day interval lost in an average Maryland farm accident is spent in a hospital at $200 per day, the medical costs alone would be equal to the following market units in terms of 1976 average prices in the Old Line State:

Four 1,000-pound steers, 13 market hogs (230-pound avg.), 29 market lambs (100-lb avg.), 1,285 broilers (4.4-lb avg.), 12,621 pounds of milk (about one year's production from a fairly good cow), or two replacement dairy cows together with eight veal calves.

In these terms, safety can be viewed as a management problem. And proper motivation should elevate safety precautions to the level of reducing risks. This places safety in the same perspective as multiple cropping, hedging and other management tools.

Grange meets

OAKRYN – The semi-monthly meeting of Fulton Grange 66 was held recently, at the Grange hall, Oakryn, with the Master, Edward L. Zug, presiding.

The topic for the program December 12 will be "Energy" and everyone is to have an energy saving tip. Fulton Grange's Miss Solanco contestant, Tammy Herr, will present her talent number.

The Grange members will meet at the Grange Hall December 23, 7 p.m. to go Christmas caroling. Upon their return there will be a Christmas party with a $1 gift exchange. There will not be a meeting December 26.

The theme for the program at the January 9 meeting will be ritualism.

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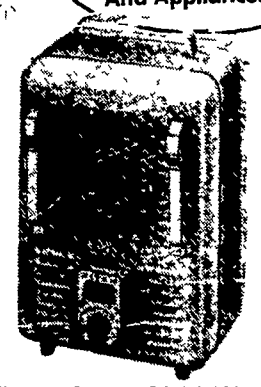

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Have heat where you need it the most Has stay cool cabinet fan forced heat and thermostat 21-70699

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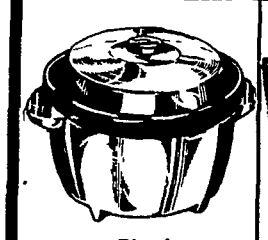

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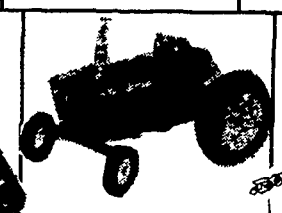

"4600" Ford Tractor
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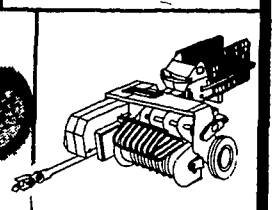
Just like the real thing! 52-01075



John Deere Hay Baler
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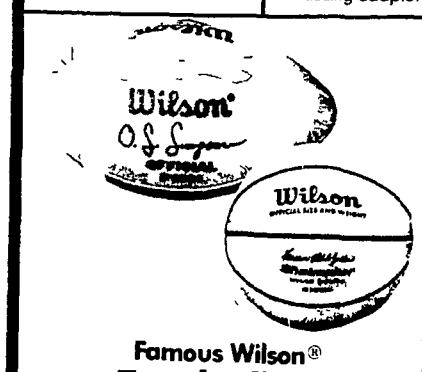

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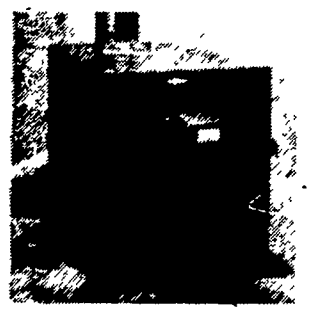

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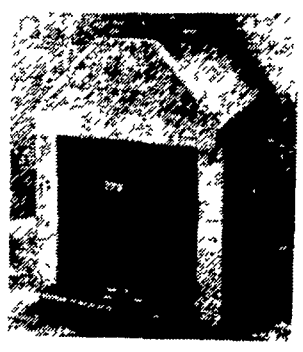

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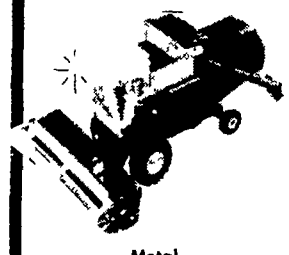

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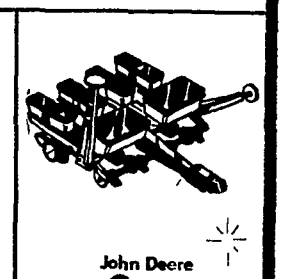

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Patz managers trained for sales

POUND, Wis. - Three district managers for the Patz Company recently completed a course in advanced sales training. They are: George Heath of Mechanicsburg, Richard Bennett of Wyalusing, and David Heath of Poland, Ohio.

The intensive sales skill seminar was conducted by Morris Miller of Miller Associates, Xenia, Ohio. The three day meeting was held in Syracuse, N.Y.

George Heath

The seminar featured the skills involved in successful salesmanship, planning sales strategy and correctly

Richard Bennett

organizing the territory. All three of the above named participants are planning to hold a similar seminar for their dealers to improve the sales skills of their entire sales force.

David Heath

Patz Company, Pound, Wisconsin is a leader in the field of Material Handling Equipment for Agriculture and Industry.

Schuylkill Co. 4-H leaders honored

POTTSVILLE – Schuylkill County 4-H adult and teen leaders were recognized for their service recently at a banquet held in their honor at St. John's United Church of Christ in Friedensburg.

Leaders were addressed by Joe Lotwick, prevention specialist with S.C.C.A.D.A., concerning primary prevention of alcohol and drug abuse. The agency is currently involved in organizing citizen groups in local communities in order to assess local needs.

Present at the banquet and recognized for their service were:

One Year of service

Jean Adams, Greenbriar Horse and Pony Club; Betsy Zimmerman, Horsemasters; Alice Hill, St. Clair Eager Beavers; Judy Tokarick, St. Clair Eager Beavers; Dolores Beibleheimer, West Penn Area 4-H Club; Sandy Miller, West Penn Area 4-H Club; Marlene Miller, West Penn Area 4-H Club; Norma Troxell, West Penn Area 4-H Club; Judy Troxell, West Penn Area 4-H Club; William Hartz, West Penn Horse and Pony Club; and Sherry Miller, West Penn Horse and Pony Club.

Three years of service

Faye Lehman, Friedensburg Flying Fingers; Joan Adams, Greenbriar Horse and Pony Club; Nancy Adams, Greenbriar Horse and Pony Club; and Donna Maurer, Weishample Cloverettes.

Four years of service

Ardith Moyer, Friedensburg Flying Fingers; Trudy Hupka, St. Clair Eager Beavers, and Zita Harner, Weishample Cloverettes.

Six years of service

Jean Norbert, Shenandoah; Mary Beth Gombar, St. Clair Eager Beavers; Wilma Klinger, Weishample Cloverettes; and Kathryn Troxell, West Penn Kanine Masters.

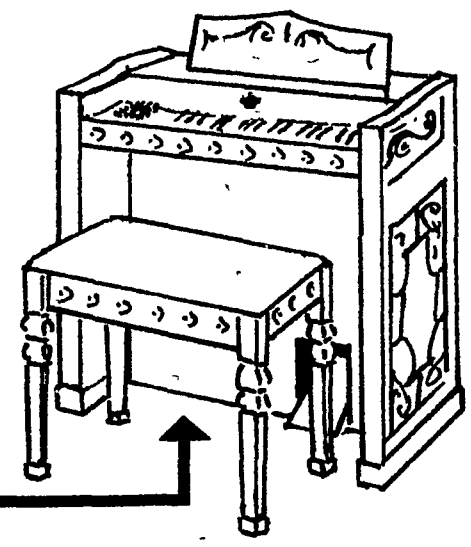
Arlene Felty, Lewistown Valley, seven years; Sandy Trabosh, St. Clair Eager Beavers, eight years; Linda Roberts, Lewistown Valley, 11 years; Rita Babyar, Mahanoy City, 12 years. Doris Brown, Friendensburg Flying Fingers, and Dolores Maurer, Weishample Cloverettes, 13 years.

Marion Drumheller, Nuremberg, 15 years of service; Sue Williams St. Clair Eager Beavers, and Helen Gombar, St. Clair Eager Beavers; and Lillie Kauffman, Auburn Cheerful Workers, 20 years.

Teen Leaders attending that evening and also honored for their assistance to clubs included: Julie Drumheller, Kathryn Ackerman, Dina Dreisbach, Joan Wydock, Michelle Trabosh, Mary Beth Ackerman, Elayne Hupka, Brenda Carl, Jack Kauffman, Jackie Eagan, and Marie Weber.

GIVE YOUR WIFE A *FUN* CHRISTMAS GIFT THIS YEAR!

THE MUSIC MAKER



After she has worked hard all day around the house or helping you on the farm you can relax at night making music you had no idea you or she could produce.

You can make your own kind of music on the most versatile instrument in the world. You can play the real sounds of more than 50 different musical-instruments...in dozens of combinations...even if you've never played an instrument before. The music maker can be a pipe organ, a Dixieland Band, a guitar, drum, violin almost anything you can think of!

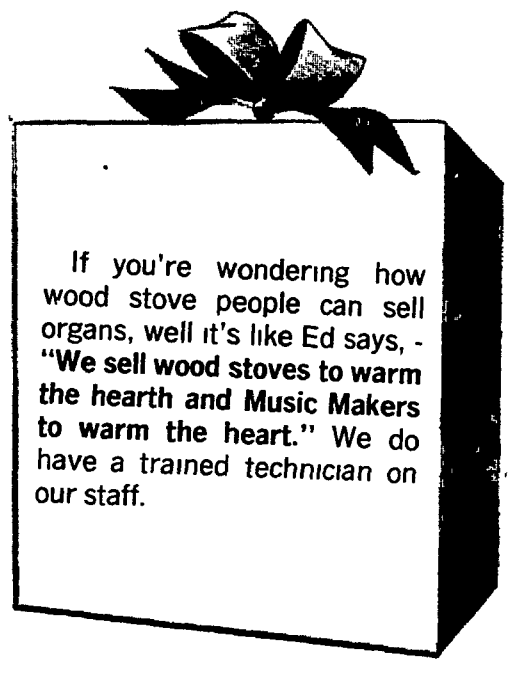
Here's how it works! The Music Program Discs provide Blues, Pop, Classical Folk, Latin and many more sounds. Each program disc changes the keyboard in an instant and at the same time, provides the perfect accompaniment, rhythm and special effects.

THE MUSIC DISC looks like a phonograph record. But it's not. It has no grooves and there is no needle to wear it out. It's all done with light beams shining through sound tracks on the disc. And the sounds can go on playing forever...just so long as you hold down a key on your MUSIC MAKER.

The Music Maker is a great gift for your children. The Music Maker not only makes a great gift for your wife, but for your children and even grandma!

The professional model is used by the Gaither Trio in their recording studio as do 12 other Nashville Recording Studios. Rock groups as Emerson, Lake and Palmer use them in concert.

There are only 300 Music Makers available at the low, low price of $695. Next years model will be sold for $995 so take advantage of this low price while the supply lasts.



If you're wondering how wood stove people can sell organs, well it's like Ed says, - "We sell wood stoves to warm the hearth and Music Makers to warm the heart." We do have a trained technician on our staff.

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Tractors rolling to protest low prices

GREENWOOD, Del. — Farmers on the Delmarva Peninsula, whose livelihood is primarily cash grain, are organizing a drive to send 10,000 tractors to Washington, D.C. to protest low farm commodity prices.

The goal of the farmers, who are allied with the national group known as American Agriculture, is to have 10,000 tractors in Washington today. Although tractors were being sought from Pennsylvania, little support came.

Ed Fuchs, one of the coordinators of the action on the Peninsula, told **Lancaster Farming** that the drive is not just for higher grain prices, but for 100 per cent parity for all farm products. He estimated that the price per hundredweight of milk would be around $14 to $15 under such a formula.

Another stipulation is that farmers pay only the freight of supply deliveries to their farms, not freight charges going out. "We believe that these measures will keep the boys on the farm and create more jobs in the economy," the Chesapeake food producer explained.

"When farmers have more money, they spend it. We can create a better living standard for the rural area," Fuchs continued.

The American Agriculture movement reportedly has 400 "parity offices" in 37 states and is threatening to call a nation-wide farm strike on Wednesday if 100 per cent parity prices are not met. That means farmers will refuse to buy or sell. The national headquarters for the movement are located in Springfield, Colo.

The action has taken almost no effect in Pennsylvania, partly because of the different nature of farmers and farming in the Keystone State and because of relatively little knowledge about the procedures and goals of American Agriculture.

In telephone interviews conducted last week, some farmers were not aware of the protest actions, and many more had no knowledge of its background or aims.

The tractor caravan expected in Washington this weekend is only one segment of the entire national picture. Similar "marches on wheels" have been staged in other parts of the country, especially in the South.

Said on observer of the happenings, "They're fighting for the principles of the country — the right to trade for a profit and live decently. I believe in what they're trying to do, but I don't think I can send a tractor to Washington due to my being out of town those days."

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Tobacco sold

(Continued from Page 1)

price the others intended, Lefever replied, "I can't really say because it's not at my place to state their prices for them."

In general, he sees the crop in the county as "nice, with a good cure."

"Some places have had bad shed burn, but others have just as nice and as pretty a cure as you can get," he stated.

On the whole, he characterizes the tobacco he bought as "better than last year," stating that he is pleased with the crop that will be delivered to the warehouse.

According to farmers who sold to Lefever, the 70 cent tobacco is going to be a very small percentage of their crop, since, in their words, "it has to be nearly perfect."

The unsized wrappers have to be 24 inches long and must have a wide, full leaf. The leaf must be thin and light colored, and all leaves must be undamaged.

Some growers who raised the new variety, Pennlan, this year, think that this crop will be a definite boost to their 70 cent chunk of the crop.

"Pennlan doesn't have the weight," said one, "but it's a fancier tobacco, and we're sorting it for the 70 cents."

For the dyed-in-the-wool Pennbel growers, the pickings of the choice wrapper tobacco will be a little slimmer.

"But, it still gives you better weight," nearly everyone agreed.

Although Lefever is happy with the quality of the crop he purchased, he noted that in some parts of the county the cure is not good, although he declined to say which areas were hurt.

According to farmers in the various areas, the northern end of Lancaster County had the best cure with few farmers in the Lititz-Manheim area reporting severe shed burn.

Growers near Conestoga and in Manor Township reported "a lot of damage" due to a storm that left some of their crop twisted, and which caused it to cure poorly in the sheds.

"There will also be a lot of dirt in this tobacco this year," stated one buyer from the Conestoga area. "And, that dirty tobacco is going to have to be separated, because it won't go for chewing tobacco."

Not all growers in the area had this problem, however, since many variables influenced the total picture.

However, because of poor crop reports as well as a downward trend in price at the end of last year, some farmers weren't sure what they would be offered this year.

"It ended on a sour note last year with some farmers not getting their crops received and having to take lower prices," one farmer noted. "So, I really didn't know if we'd get 60 cents or not this year."

Other growers hold an extremely different opinion.

"I figure we'll get at least 60 cents," said one. "After all, you can't steal from the farmers and expect them to keep growing year after year."

Others expressed the sentiments that the costs of production keep rising, so they definitely expect to get more for their crop.

Either way, the time to strip tobacco and wait for the top price has come, so that's what most tobacco growers will be doing in the upcoming weeks–stripping tobacco and waiting.

Land use pow-wow needed, says conservancy director

By JOANNE SPAHR

LITITZ – "It's really hard to zero in on one technique that will be the most effective in preserving farmland," stated David Sweet, assistant director for environmental programs at the Brandywine Conservancy in Chester County.

"Actually, a combination of a number of elements is the best method."

In theory, Sweet believes that transferable development rights are a workable solution, although "they won't solve everyone's needs." To date, no transactions of this sort have taken place in Chester County although the laws are on the books.

"When you're dealing with farmland preservation, you have to take into consideration all the variables. In some places one technique works, and yet, in others it doesnt't," he said.

To Sweet, the answer is more abstract than picking out one concrete method for land preservation and eartagging it "the solution."

What should ideally take place, in his mind, is a general concurrence among individuals that the saving of agricultural land is a prime object. Then, those involved should sit down and decide which methods of land preservation is best for them. This, he would like to see done even at the national level.

One technique which sweet finds interesting is the "farm colony." A farm colony is a development in which a large portion of the land is saved for farming with the remainder developed. In this manner, some return is still gotten off the land.

In one particular farm colony in York County about 70 per cent of the land stayed in farm use based on soils, and presumably, productivity. The remaining land supported the development of houses.

"Those houses snaked around the fields," Sweet noted.

There are problems involved in this type of land use, as well, such as the incompatibility of farms to the housing developments next door.

"In our area, the farmers don't like being called names – they'd rather move than fight it," Sweet said.

This problem was handled in one form by the farm colony. Those who decided to build under this type of system signed waivers – "peace treaties, almost" – where they agreed to accept the by-products of farming such as manure smells and tractors working at 7:30 a.m. the morning.

But, even this method isn't the answer for all areas. Therefore, Sweet stays with his original position that its going to take a general agreement among all people that saving farmland is of top priority. At that time the best methods will be found for each area.

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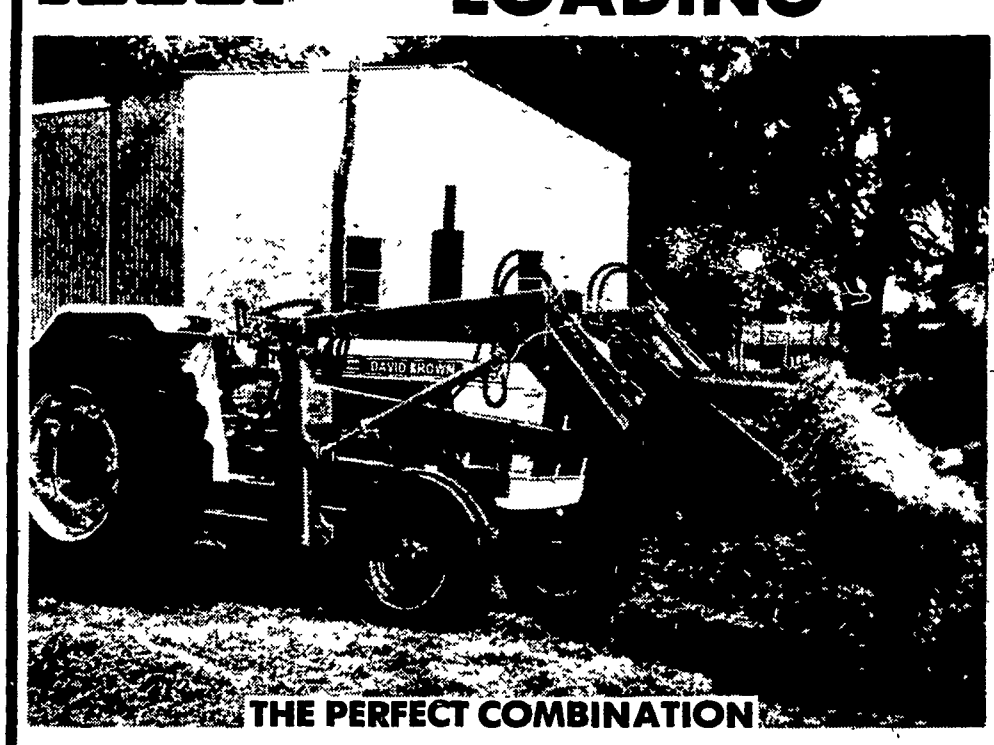

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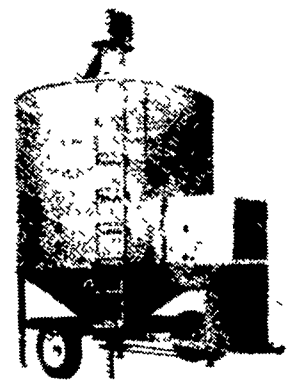

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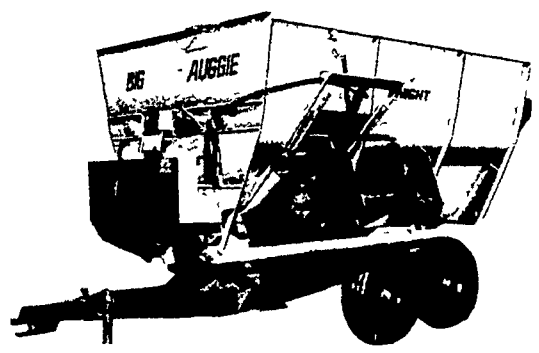

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Weaver names new directors

NEW HOLLAND – Melvin S. Mitchell, Akron, and Delbert L. Seitz, New Holland R1, have recently been named to the board of directors of Victor F. Weaver, Inc. and Subsidiaries, New Holland, Pa., the company announced.

Mitchell, who serves as vice-president of marketing at Weaver, joined the company in 1945 as a sales clerk. During his 32 years with the company he has served as market manager, general sales manager, and more recently been vice-president of sales.

Mitchell is currently president of the Akron Borough Council and

Melvin S. Mitchell

Delbert L. Seitz

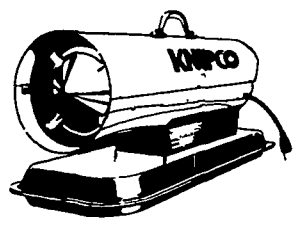
president of the Pennsylvania Poultry Federation. He is a past president of the Akron Lions' Club, and member of the Lancaster Sales and Marketing Executives International, and a member of the Egg Product Board of the Poultry and Egg Institute of America.

Seitz joined Weaver in 1972 as controller for the company. In 1973 he was named to his current position of corporate treasurer. Prior to joining Weaver, he was manager of financial planning for Westinghouse Corporation at the Verona, Virginia plant and served as supervising accountant and instructor in business at Eastern Mennonite College in Harrisonburg, Virginia.

His is a graduate of Madison College in Harrisonburg, where he received his B.S. degree in business administration. He also holds a M.B.A. degree in accounting and economics from Case Western Reserve University.

Seitz has served as a member of the board of directors of the Eastern Mennonite College and as a trustee of the college's alumni association. He is active in various local organizations.

NEW!



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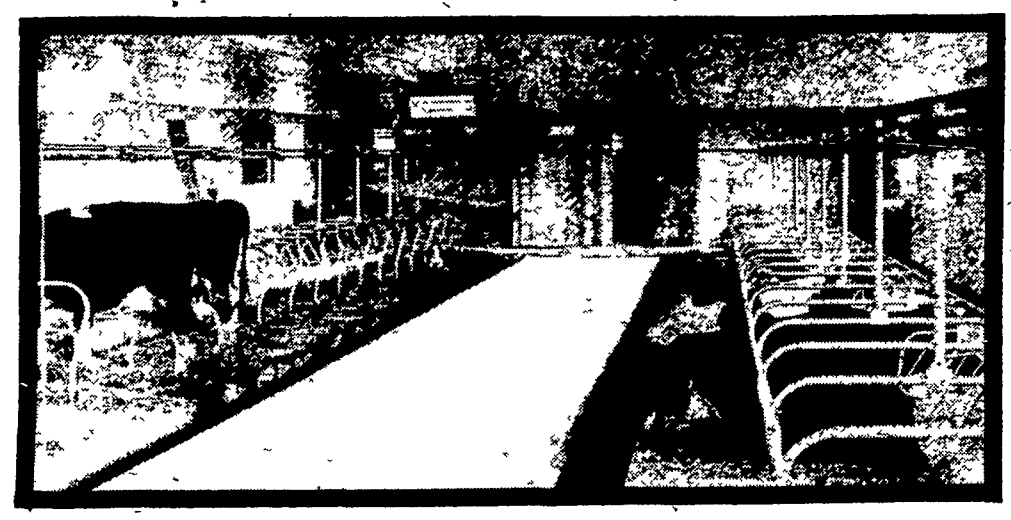

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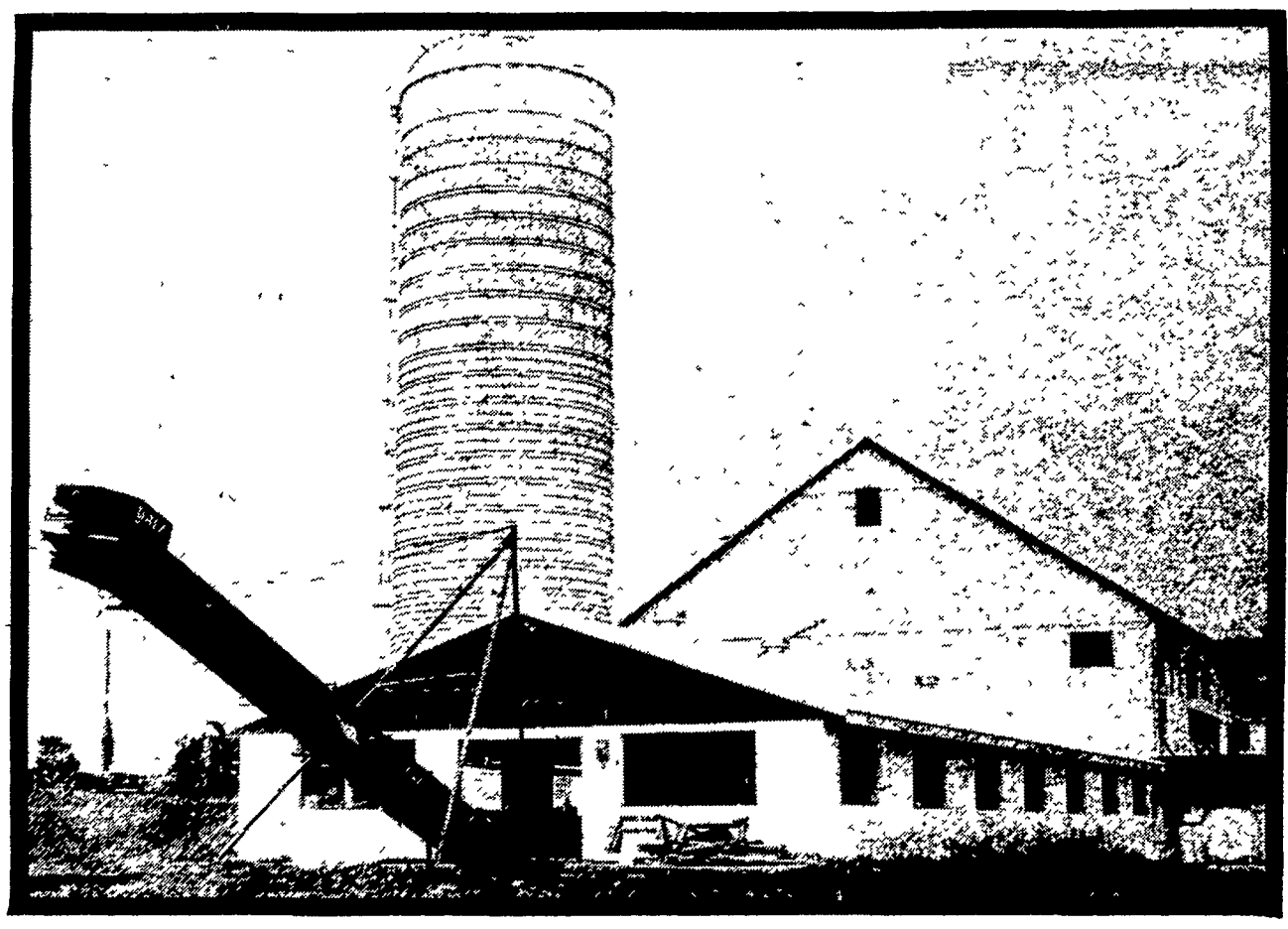

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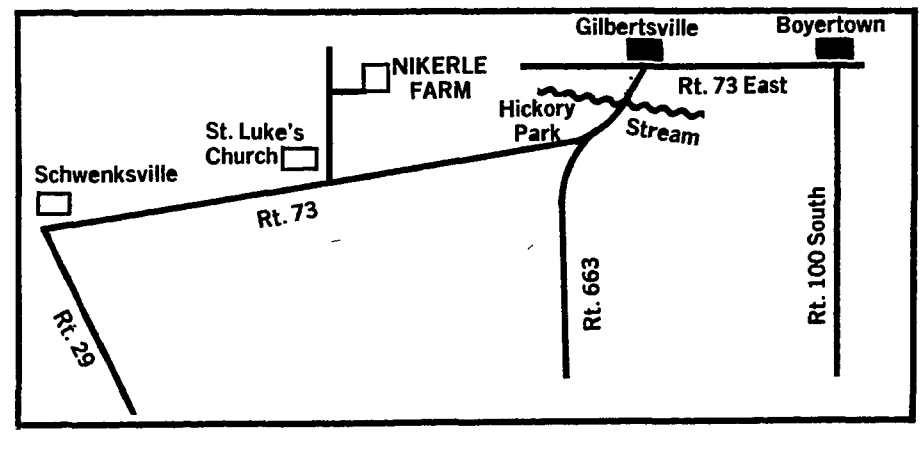

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Lebanon County Vo-Tech sponsors FFA week

Helping promote FFA at the Lebanon Valley Mall were Kevin Ditzler, Lebanon; Chickie Long, Palmyra R2; Denise Krause, Annville R3; Brenda Miller, Annville R1; Gail Kleinfelter, Lebanon; and Don Simmers, Lebanon. The group were part of the organization that sponsored the event.

Showing a dried flower arrangement that they were working on, Denise Krause and Brenda Miller were quick to point out that there is more to FFA than just farming.

LEBANON – "FFA ain't all cows and plows" was the theme for the week-long FFA promotion week December 5 to 10, sponsored by the Lebanon County Vo-Tech FFA. Held in the Lebanon Valley Mall, Lebanon, the group centered their theme on showing the public that FFA also includes horticulture and agri-mechanic projects.

Found throughout the displays were demonstrations by FFA members showing floral design, plant pot parade, model terrariums, dried flowers, dish gardens, small engine safety, landscaping, horticulture therapy, and small engine repair, to name a few. FFA members were present at the display to answer questions and tell the public about their role in the FFA program.

According to FFA youths, the promotion week idea started last Spring, and the 50 member group has been working on it ever since. They made all the decorations and planned the displays themselves.

County and state officers of FFA attended the promotion throughout the week, including Jay Bomgardner, Eastern Regional vice president, Kirby Horst, state chaplain, and Dennis Wenger, state sentinel.

The Lebanon Co. Vo-Tech FFA is presently involved in trying to raise money for a new green house for their use. Presently they are involved in a sub sale, candy sale, walk-a-thon, and Citrus fruit sale, with the money to be used for this project.

Advisors for the group are Don Snively, horticulture, and Tom Lane, agricultural mechanics.

xxx

The old-time plumber was concerned about coffeebreaks, featherbedding, and other production interruptions.

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State alfalfa contest winners named

UNIVERSITY PARK – Five Pennsylvania grassland farmers received 1977 State Alfalfa Growers Awards at the recent Forage, Corn and Seed Conference held on Penn State's main campus.

Dr. John E. Baylor, Penn State Extension agronomist, who coordinated the contest, pointed out that the winners were selected on the basis of points received for hay equivalent yield per acre, pounds of protein, and total digestible nutrients during the entire growing season.

Champion alfalfa growing champion was Harold G. Gayman, of Waynesboro R2. He produced 8.1 tons of hay equivalent; 3,133 pounds of protein; and 9,279 pounds of total digestible nutrients per acre.

Runner-up was R. Wayne Harpster, of Spruce Creek. He produced 7.2 tons of hay equivalent; 3,020 pounds of protein; and 8,287 pounds of total nutrients per acre.

In third place was Milton Hershey School Farms, of Hershey, with 6.8 tons of hay equivalent; 3,042 pounds of protein; and 8,106 pounds of total digestible nutrients per acre.

Fourth place winner was Paul S. Sauder, 924 Silver Spring Road, Lancaster. He produced 7.2 tons of hay equivalent; 2,551 pounds of protein; and 7,940 pounds of total digestible nutrients per acre.

Albert Lengel, of Mercer R5, placed fifth with 7.3 tons of hay equivalent; 2,249 pounds of protein; and 7,771 pounds of total digestible nutrients per acre.

Dr. Baylor noted that 37 farmers entered and completed the contest.

According to Arnold Lueck, Lancaster County Extension agent, 37 farmers from across the state were entered in the contest. This was only the second year that it was held. Aside from Sauder, others from Lancaster County who participated in the event were Earl Landis of Manheim, Daniel Stoltzfus of Mount Joy, and Jesse Balmer of Lititz.

Sponsors of the event include the Pennsylvania Grassland Council, the Cooperative Extension Service, and agribusiness firms.

The main purpose of the contest, according to Lueck, is to try and get a realistic measure of production – not just quantity, but quality as well. "We want to get a better handle than just bales per acre," the Extension agent emphasized. Also included in the program is a cost study which awaits conclusions, Lueck revealed.

Noting that there is considerable renewed interest in forages at the present time, Lueck is urging more farmers to participate. "Alfalfa is an economical source of feed, and it's the leading forage in the state – the queen of forages," he said.

Yields in the contest were calculated at each cutting by taking six checks, each of which measured one one-thousandth of an acre. After the cut forage was collected, it was weighed and completely analyzed for nutrients, minerals and other metabolically important values. All yields were standardized to 10 per cent moisture. Eligible fields had to be at least five acres in size. The scoring system was based on 40 points for yield, 30 for protein, and 30 for total digestible nutrients.

Those interested in entering the contest next year are advised to contact their respective county agents.

xxx

There a few things that can chill one more than an old flame.

Winners of the 1977 State Alflafa Growers Contest from left are: Dr. John E. Baylor, Penn State Extension agronomist, contest coordinator; Harold G. Gayman, of RD2, Waynesboro; R. Wayne Harpster, of Spruce Creek; Albert Dugan, of Milton Hershey School Farms, Hershey; and Paul S. Sauder, of 924 Silver Spring Road, Lancaster.

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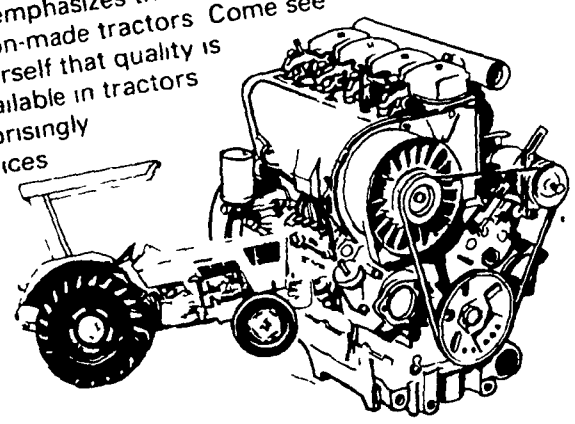

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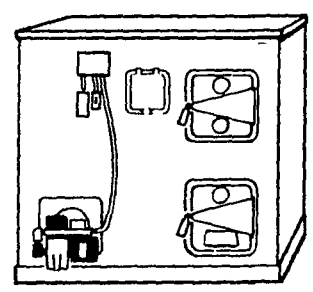

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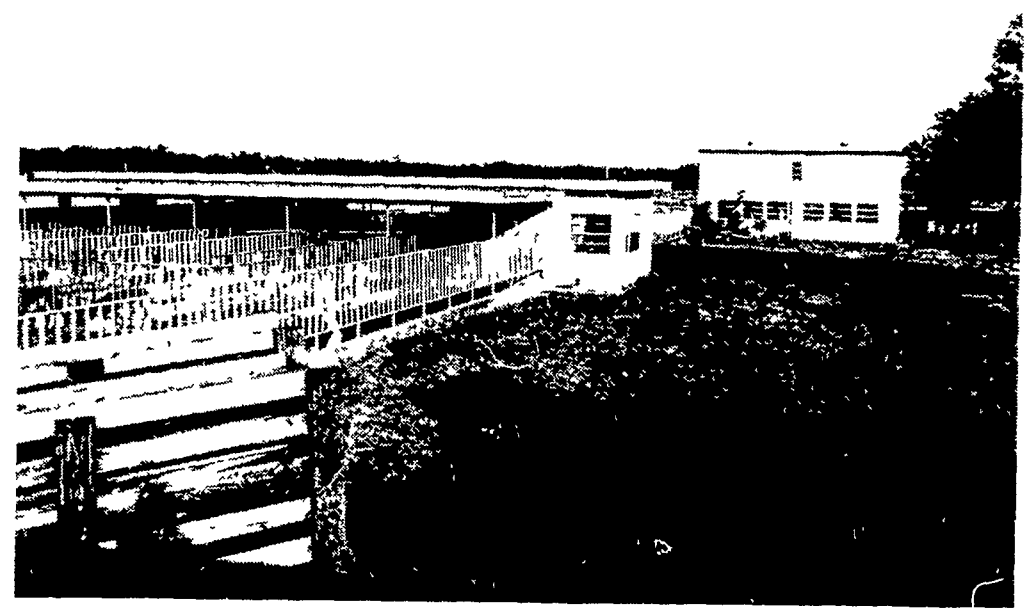

Bull pens, an office, and the front of the 600-head capacity heifer barn are shown above. All were constructed after Krieg purchased the farm in late 1968.

A visit

(Continued from Page 26)

pastured 365 days a year, a good supplement is essential if production is to hold at profitable levels. At Mecklenburg Farm that means buying more than 10 tons of a complete dairy ration every day for just the cows alone. In 1974, when feed prices were so high, that meant having an annual feed bill which approached a half million dollars.

Except for pasture grasses, cows receive all of their concentrates and roughages in the 112-stall milking barn. Citrus pulp and cottonseed meal are two major ingredients of the ration.

Aside from a half dozen or so hired personnel, work is taken care of by my father and mother, my brother, Ingo, and sister, Friederike.

My mother's contributions to the success of the operation must be mentioned. The herd of 500 cows has been self-perpetuating since 1971, which means taking good care of calves. My mother has done just that since 1959, when my father began renting a farm in Lancaster County. Virtually every one of the 1000 dairy animals on the farm was raised by my mother.

It hasn't been easy, as every dairyman and his wife would be able to guess. While in Lancaster County, my father arose every morning at 2:30 a.m. to do the milking. He always gets up at any time during the night to check on cows in the maternity pasture. With this size herd, there are no pauses. Although this herd is significantly bigger than the 120 cows we had in York County, or 20 cows in Germany, it's been my father's lifestyle for over 50 years.

No farm seems to be without its particularly rough times, and Mecklenburg isn't an exception. The most tragic and trying of all calamities was an outbreak of tuberculosis 2½ years ago which nearly wiped out the entire herd. Two hundred animals were condemned to death. It wasn't until recent months that the nerve-racking ordeal gave way to rays of hope and optimism. The milk keeps flowing at a rate of 15,000 pounds per day (1744 gallons).

My parents' farm is large by Pennsylvania standards, but not so in the Sunshine State, where herds of more than 1000 milking cows are not at all uncommon. Dairy farming is a highly specialized business here, and milk and slaughter animals are the only source of income.

None of the land at Mecklenburg Farm is cropped, although grasses grow like weeds during the Summer and pastures are therefore clipped throughout the warm seasons. It's an exceptionally pretty scene to see the cattle grazing on lush green pastures which are clipped and perfectly flat.

Manure disposal is no problem. It's all spread on the pasture to keep the land fertile and grasses growing.

Florida, despite its many large dairy herds, is usually experiencing milk shortages. Consequently, milk prices are among the highest anywhere in the nation. This is to offset the high costs of importing large amounts of feed, since Florida is a feed consuming state. The heat takes its toll as well, which is why the huge steel structure was built six years ago. Although it's not true at Mecklenburg Farm, most Florida dairymen do not raise their own replacements.

Problems are a daily occurrence with this size operation. As is often said: "If it's not one thing it's another." In this case, it can be any one of the 1000 head of cattle, one of the hired men, a piece of equipment and the weather, just to name a few.

But it's an impressive place nonetheless, and one of the most immaculate to be found anywhere, especially in the South. If you're headed in that direction, you might want to stop and see for yourself. The family has been welcoming visitors for years.

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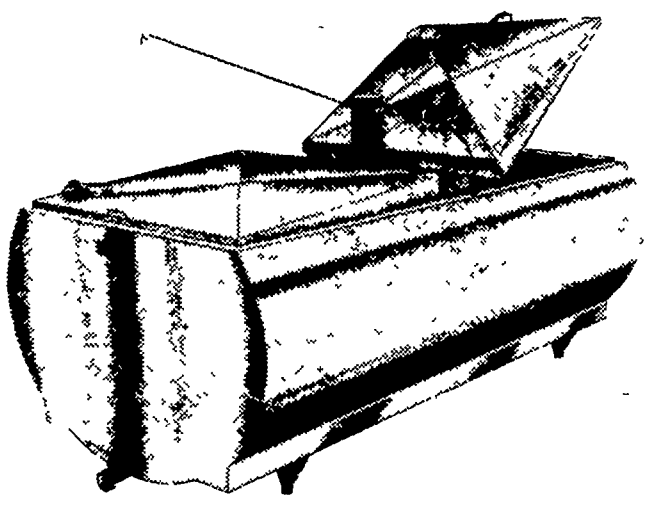

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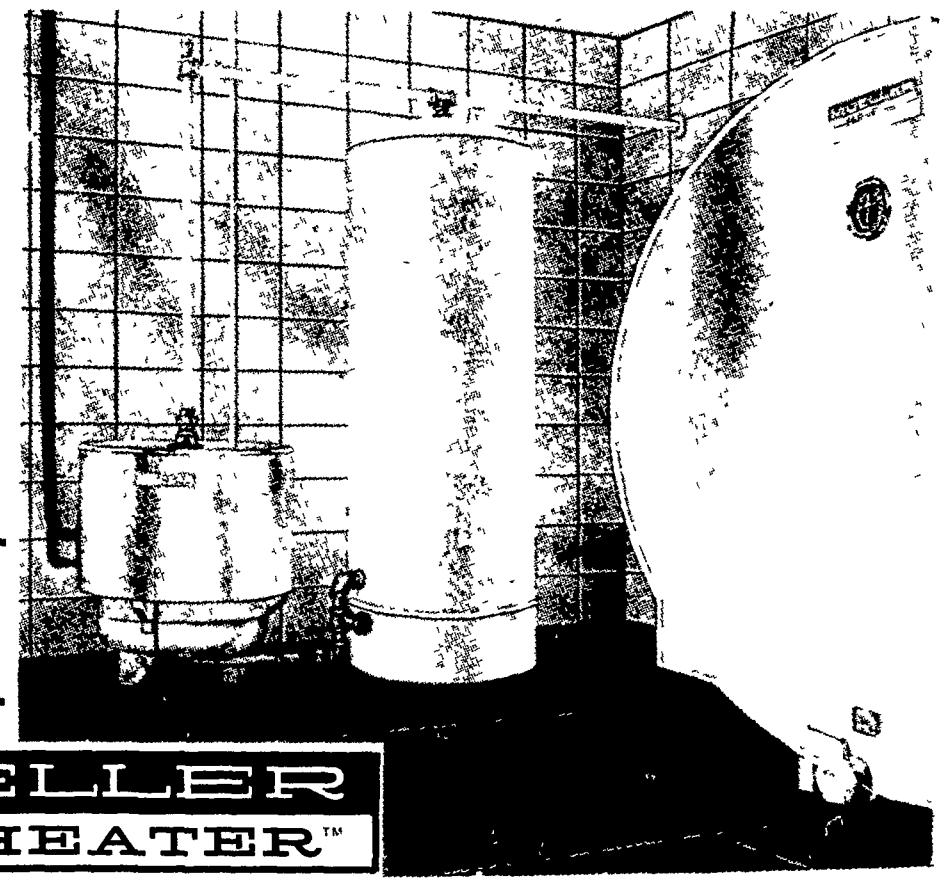

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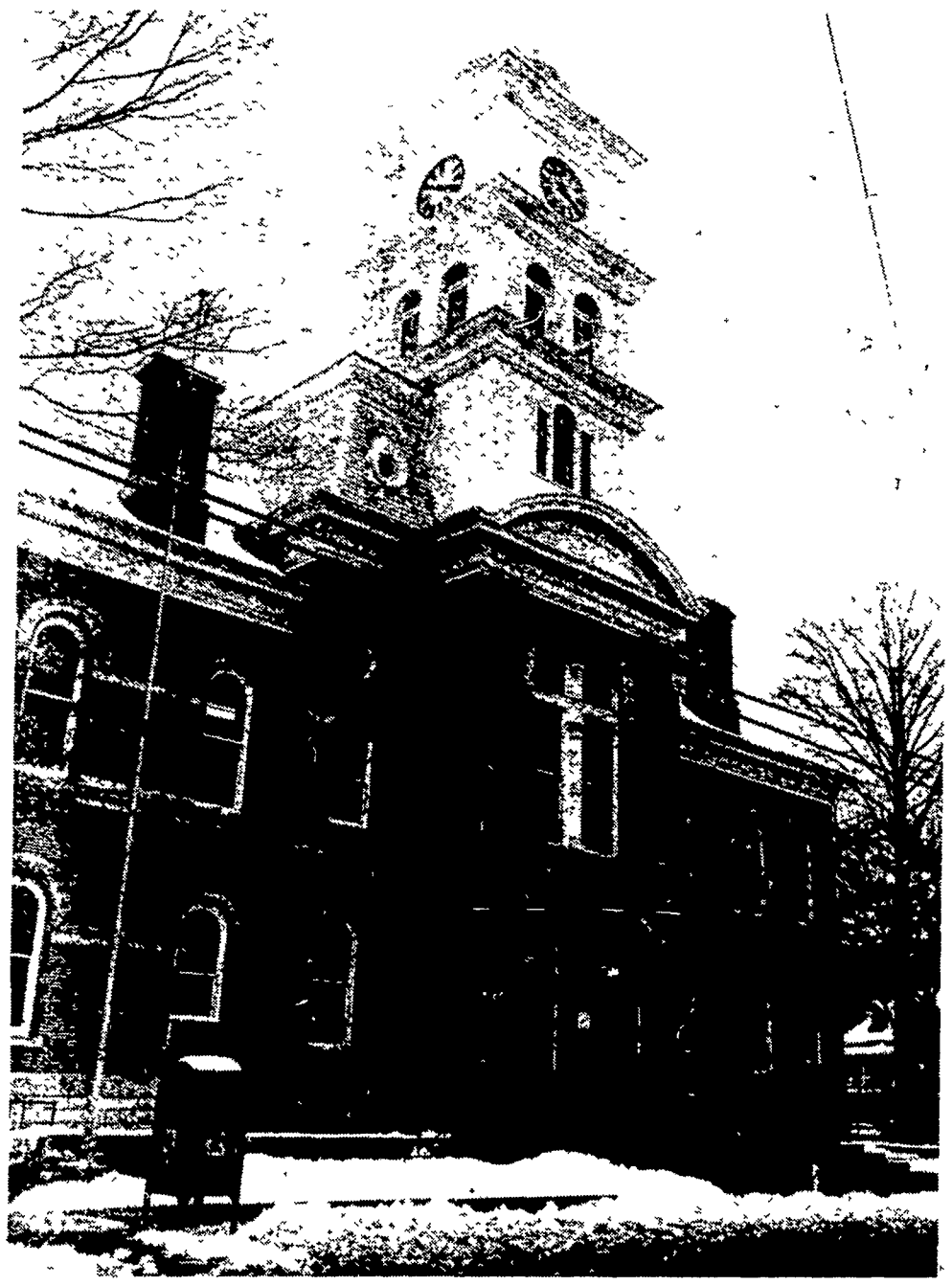
Assessment

(Continued from Page 1)

the leaders of the Huntingdon County Citizens Committee, an ad hoc committee which is taking the issue to court, says that 4500 appeals have been made in regards to the new evaluation of the some 21,000 odd properties in Huntingdon County.

Huntingdon County's current real estate tax structure is based on formulas which were worked out in 1963. Those gave the farmer a free ride for too long, one of the assessment officials is reported to have said. The county commissioners maintain that the old tax structure has "many inequities" and that the new formula will straighten them out.



The Court House in Huntingdon has been, and continues to be the backdrop for much heated controversy regarding a recent reassessment of real estate. Farmers complain they're being given an unfair shake. The county commissioners say the new assessment is an improvement over the old in that it is equitable. The courts will be called upon to decide.

The opposition, which numbers several thousand people, doesn't see it that way. According to figures released by the HCCC, the average increase in the reevaluation of farmland over what it was 14 years ago is 800 per cent. It goes as high as 4000 per cent.

One of the most ticklish criteria with this whole issue, in the farmers' opinion, is that the new assessments are based on land values which are not realistic for Huntingdon County. The HCCC charges that only three farms in the county ever sold for more than $700 per acre, while assessments are based on such a figure. They further maintain that the average price of farmland for 1974-75-76 was $322 per acre.

The county commissioners scoff at the charges and make no comment other than that they will have their say in court.

Another allegation is that real estate values from other counties were applied to Huntingdon County. Again, the county commissioners prefer to hold their say until the issue surfaces in court.

One complaint the county commissioners will answer to is erroneous records. Some farmers were surprised with new assessments which showed improvement on buildings which in reality haven't existed for years. The reason for such occurrences, say the commissioners, is "mass appraisal", a procedure which does not allow for close scrutiny of every property. About $8.50 was spent for each property appraisal, which would not be enough to inspect each property closely.

The issue becomes especially heated for property owners who dealt with the Army Corps of Engineers several years ago when the Raystown Dam Project was developed. The Corps assessed one particular property it wanted at $81 per acre. Five years later, the tax assessor values it at $800.

The firm involved in the appraisals is Commonwealth Appraisers of Chambersburg. The HCCC is highly critical of the firm, but holds the county commissioners responsible for their actions and charges further that the latter did not set guidelines for Commonwealth Appraisers to follow. The county commissioners deny this charge, saying that their plans were made public early this year. "Nobody complained then," countered commissioner Kenneth Brown.

Sam Hayes, a vo-ag teacher at Tyrone High School, and chairman of the HCCC, suspects that the tax move might be a ploy by the county government to force farmers into Clean and Green, the government-backed preferential tax structure for agricultural land. While this may give farmers a tax break, Hayes says it would amount to using one law to cover up what's already been done wrong."

"Clean and Green" isn't proper anyhow," Hayes continued. "If we're to have private property, then let's keep it private. With Clean and Green you no longer completely own your property. I think it's a carrot and stick idea for getting farmers to relinquish their property rights," the teacher asserted.

"If we were taxed properly in the first place, Clean and Green wouldn't have a chance," Hayes continued. "The way things are going in this country, the working people are punished and the welfare people are the only ones getting ahead."

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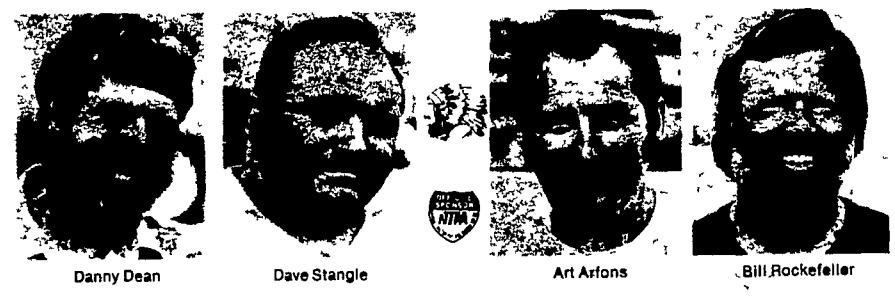

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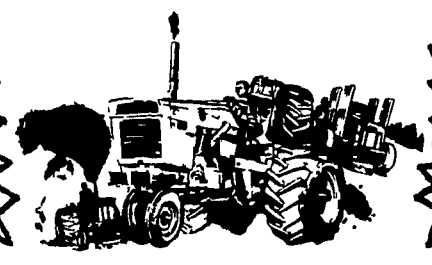

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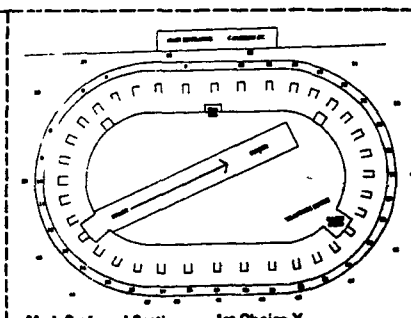


Mark Preferred Section — 1st Choice X
2nd Choice XX
3rd Choice XXX

Wentink

(Continued from Page 1)

Wentink, who is also assistant to the president of Sunfield Corporation, Lancaster, Pa. called for an all-out effort to determine the truth about the relationship of dietary cholesterol and heart disease. At the heart of the issue is the fact that low-cholesterol, low-saturated fat and high polyunsaturated fat diets have not been demonstrated to lower the risk of heart disease. "An increasing number of researchers and scientists," he points out, "are of the opinion that the contention that if you follow these dietary recommendations you will decrease the risk of coronary heart disease has not been scientifically substantiated."

"The same type of misinformation which affects egg producers makes itself felt in all phases of animal agriculture",

Hendrik Wentink

Wentink says. "Pork and beef producers and segments of the dairy industry, as well, have more problems than they perhaps realize."

But protection of the agricultural interests is not the primary issue, according to Wentink. "The consumer is the loser," he claims. "When kept ignorant of the true facts he or she is compelled to change from wholesome, nutritious food to diets of undemonstrated merits and benefits."

"Too many people in their prime of life have been so imbued, and so dogmatized with the idea that cholesterol is especially bad that their diet is almost automatically adjusted to reduce cholesterol intake. All this with the idea that they are preventing CHD (coronary heart disease) while in truth the fact remains that prevention of CHD in the general population, through diet, simply has not been scientifically substantiated."

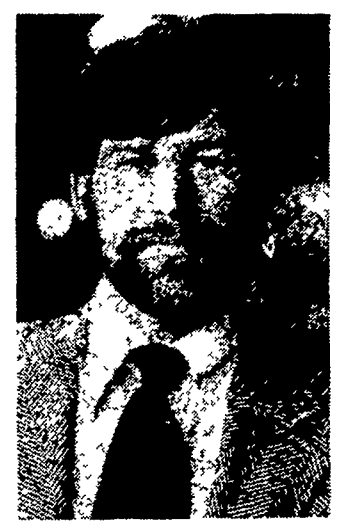
Wentink says that, to his knowledge, NCEN is the only group within the agricultural community working specifically on this problem. Through their accumulation of research and scientific expertise, he says, they have been increasingly able to challenge various groups making recommendations and statements favoring reduced egg consumption. Wentink feels that all producers of animal food products should concern themselves with this pursuit, for the sake of American agriculture and the American diet. He told his audience that "as long as Congress and the federal agencies get themselves involved in the scientific aspects of this controversy, which may result in federal rules, laws and regulations, you have no alternative but to respond."

Missouri Director of Agriculture Jack Runyan reacted to this challenge by calling an impromptu meeting of state leaders of the egg, dairy, beef, and pork industries to discuss the possibilities of a unified effort. Consideration of Wentink's suggestion to form what he calls the "Nutrition Information Bureau," brought to light the need for agricultural producers to have a credible source of nutritional information that can be drawn upon when they feel that their products have been unjustly attacked. Such an organization would act in much the same way NCEN has acted, independent of trade organizations directly promoting particular products. In addition to a national board of directors, the Bureau would include a scientific advisory panel, a consumer advisory panel, and a professional staff to handle legislative and consumer affairs. The Bureau would accumulate the latest research findings and use them to educate consumers that individual dietary choices could be made upon consideration of all available information. This, the farmers hope, will help to put into perspective the many contradictory voices encouraging Americans to make specific changes in diet.

121 Lancaster herds top 600 pounds

(Continued from Page 27)

W. Eugene Witwer Strasburg	RH	26.8	87.4	16,844	614
Clyde W. Martin East Earl	Mix	96.2	88.4	15,962	614
Meadow Vista Farm Bainbridge	R&GrH	100.5	86.3	15,703	614
Donald M. Eckman Peach Bottom	R&GrH	53.3	85.6	16,823	613
Benuel S. Stoltzfus Morgantown	R&GrH	42.8	90.2	16,351	613
J. E. & Shirley Hershey Gordonville	RH	39.1	86.7	15,821	613
Earl E. Martin Ephrata	RH	36.9	84.8	15,239	613



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Andrew G. Miller Manheim	R&GrH	38.5	85.3	17,329	612
Homer G. Hess Marietta	R&GrH	33.7	83.8	16,471	611
Lester E. Landis Jr. Lititz	R&GrH	31.7	90.4	15,618	611
Donald B. Trimble Peach Bottom	Mix	45.6	88.2	16,010	610
Ken & Joanne Hershey Kinzers	R&GrH	79.2	85.6	16,480	609
Paul H. Rohrer Lancaster	GrH	73.5	87.1	17,075	608
Harold B. Good Stevens	GrH	35.4	85.6	16,904	608
John J. Landis Lancaster	R&GrH	54.1	89.5	15,731	607
Carol L. Martin Ephrata	RH	77.0	86.3	14,759	607
Ben S. Stoltzfus Honey Brook	R&GrH	44.8	84.6	15,845	606
Kenneth D. Myer Elizabethtown	Mix	63.3	91.2	16,006	605
Leon S. Musser Manheim	R&GrH	46.2	85.0	16,062	604
J. Wilmer Conrad Lititz	R&GrH	42.1	85.3	16,120	603
Robert H. Kauffman Elizabethtown	RH	32.0	81.1	14,218	603
Amos B. Lantz Leola	RH	66.1	90.0	16,046	601
Elam P. Bollinger Manheim	RH	52.9	87.6	16,041	601
Christain G. Becker Elizabethtown	R&GrH	41.0	90.8	15,937	601
Roy C. Neff Paradise	R&GrH	66.6	87.7	15,586	601

Soybeans

(Continued from Page 1)

we're going to lose what we have in the fields."

In York County, farmers were not too concerned with Friday's light snowfall. John Shearer, Jr., York R6, has about 80 acres yet to harvest. "All I need is two to three days with good weather and I'll be done," he stated.

Shearer went on to say that due to the dry conditions in York Co, his yield is down this year, maybe to 15 to 20 bushels per acre. However, he added that he's in better shape with his soybeans than with his corn because of the prices. Corn prices being so low, he stated, either land prices will have to drop or prices and yields will have to get better for farmers to survive.

Michael Wright, New Freedom R2, has about 100 acres of soybeans to harvest yet of the 1070 he planted. Although he noted that his late beans are not as nice as the first, he said his first beans were "real good", and he expected an overall yield of about 35 to 40 bushels per acre, his best field bringing 75 bushels/acre.

In Lancaster County, Kenneth Rutt, Edgefield Farms, Quarryville R2, called his soybean crop "pretty decent". He's in the process of harvesting now, when the weather cooperates. He thought his average yield might be around 50 bushels per acre, with the earlier harvesting getting better yields. Although he added that the moisture content is a little higher in the late harvested beans, he did not believe that they were damaged.

Raymond Callis, Manheim R1, stated flatly that the weather just "isn't doing him any good." He still has 50 acres to harvest, and hopes for nice conditions so he can get into his fields. "Last year I was done harvesting the first or second week in November, he related, "Who knows when I'll get done this year."

Callis believes that the weight of his soybeans has dropped a little but no real damage has been done to his crop.

In surveying the field corn harvesting, most farmers seem to have their crops in. According to Gerald Rebert, Thomasville R1, those with corn still out are running into problems with ears falling down and loss occuring. He added that this hasn't been one of the easiest corn picking seasons, and he hopes that the corn prices go up, their being entirely too low.

Other farmers contacted echoed his feelings, most of them having their corn crop harvested, and being concerned over the price that corn is bringing.

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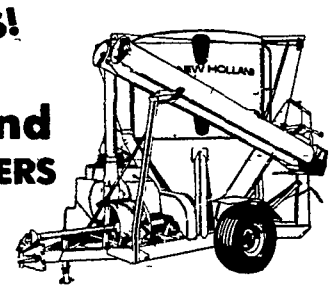

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DECEMBER 8, 1977

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Master of Ceremonies — Robert McLean

10:30 - Welcome — Charles Enloe

10 35 - Handling Manure for Profit

11 00 Owner's Panel — Frank Possessky

12 15 - Lunch
Entertainment - Barbershop Quartet
Lanco Lads

1:00 - Alfalfa - Forages - Dr George D Marx
Dairy Scientist, University of Minnesota

2 00 - Physical, Mental and
Spiritual Motivation — Karl Kettering
Account Executive, WBYO

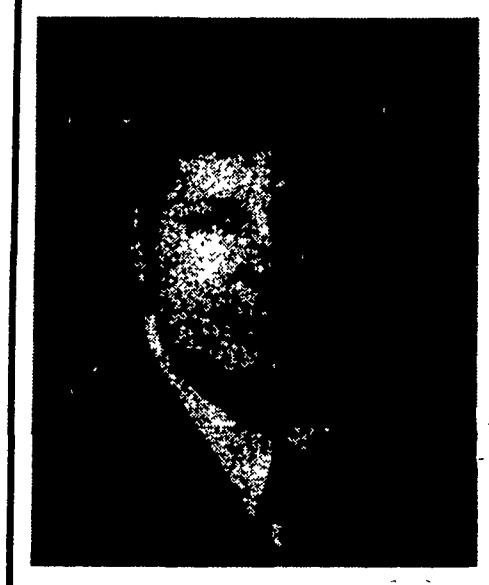
A THOUGHT FOR THE DAY

★ ★ ★

THERE IS HARDLY ANYTHING
IN THE WORLD
THAT SOME MAN
CANNOT MAKE A LITTLE WORSE
AND SELL A LITTLE CHEAPER
AND THE PEOPLE
WHO CONSIDER PRICE ONLY
ARE THIS MAN'S LAWFUL PREY

★ ★ ★ ★ ★

JOHN RUSKIN
1819-1900



SPEAKER

DR. GEORGE D. MARX
DAIRY SCIENTIST
UNIVERSITY OF MINNESOTA

Spoke on the utilization of forages and feeding management. He is the author of 250 scientific publications.

PROGRAM OF TOPICS COVERED

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The Old Fashioned Harvestore Meeting and the topics discussed is for the benefit of our farm friends. If more information is needed, please contact Penn Jersey, because now is the time to be planning for spring. And now is the time you can save the most money when making a purchase . . .

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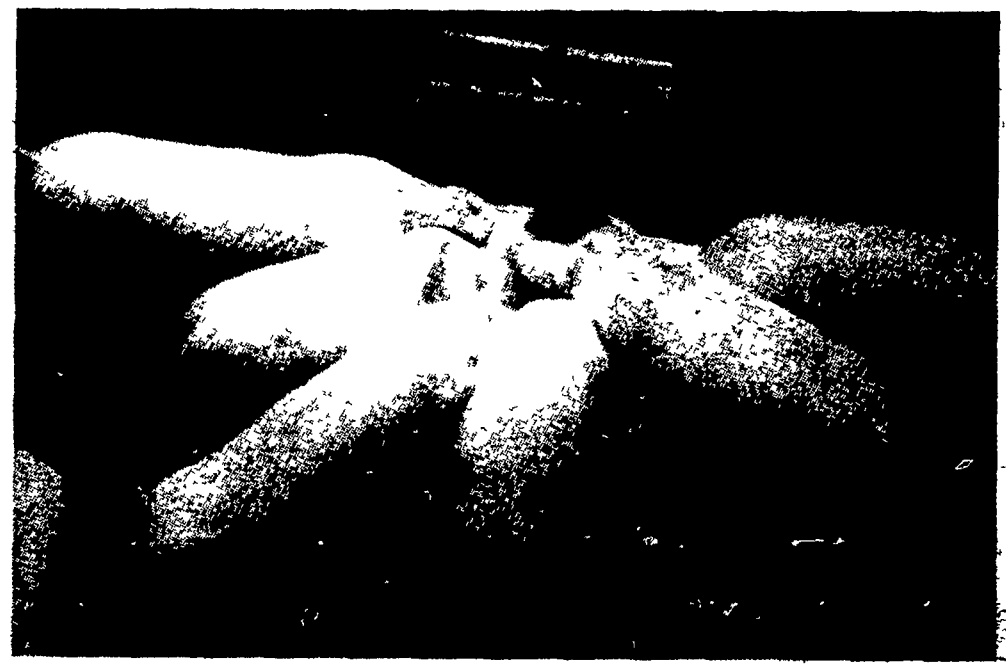

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Newton hom refurbishing was long, bu labor of love

SUSAN KAUFFMAN
Staff Correspondent

Editor's note: This article is the second in a series of two which feature remodeled or restored old stone homes. Both homes were refurbished by the present residents when the homes were in poor condition.

"This home of ours has been a labor of love," says Norman Newton about the recently refurbished old stone house he and his wife Opal have lived in for the last 10 years. The house which dates back as far as 1711 was almost a total loss when the Newtons first saw it and its hidden charm back in 1967.

The Chester County fieldstone house situated on Baker Road in Penn Township was one of many very old homes constructed early in our nation's settlement era. Newton characterized the tiny, low ceilinged structure as, "A place for some poor farmer to come into out of the rain."

Newton speculated, "He was probably a very frugal Quaker farmer who built only enough of a house to get by."

According to Newton, three houses along Baker Road, including his, were all built at the same general time, and one holds a stone dated 1711. His present residence, however, does not have a date affixed to it. Similarities in structure and material, though, have led to the conclusion that all three were built around the same time.

The exact history of the house, its occupants, and its alterations is not known. Newton says he wants to trace the records as soon as he gets some more refurbishing done. When he and his wife moved into the house in September 16, 1967, it was practically only a shell of a home with sagging beams, propped up floors, very little electric, and an old boiler sitting in a pit in a dug cellar – in short, a discouraging sight to many.

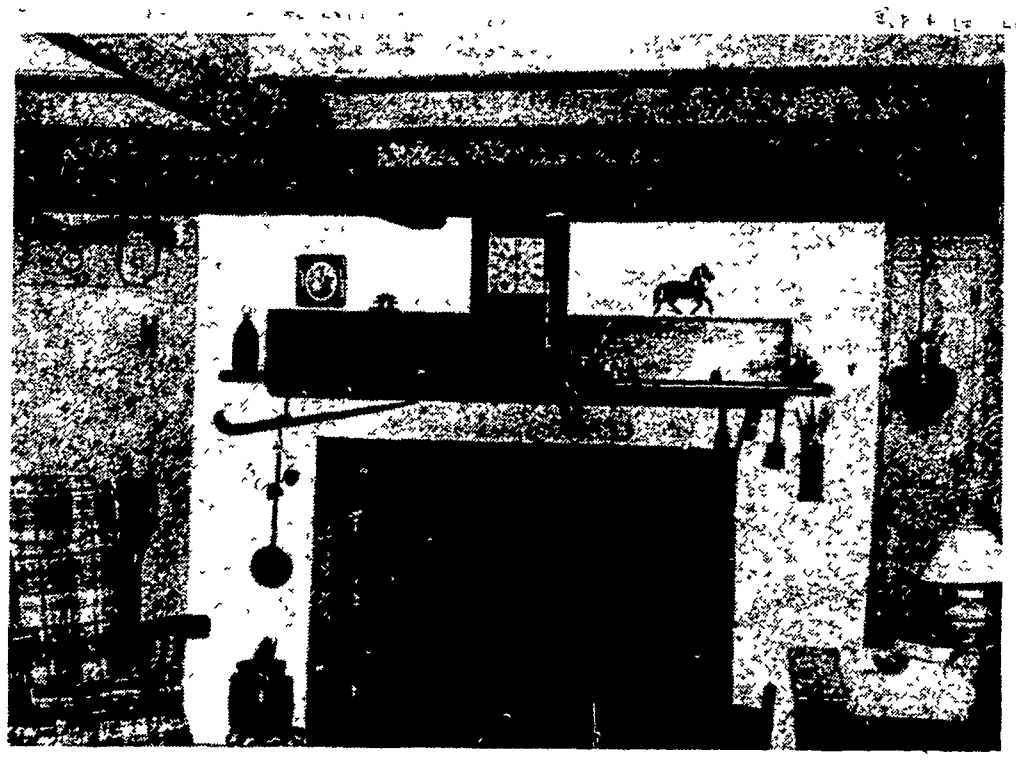
Despite the condition of the house, Newton said that he fell in love with it some 15 years ago. He and his wife had a very comfortable home in Homeville, Chester County, and he was traveling back and forth to his mushroom houses near their present home. He saw the delapidated vacant house and noticed it was to be sold at the Chester County courthouse in a bankruptcy proceeding. He somewhat hesitatingly asked Opal if she would be willing to sell their nice home in order to buy and fix up the empty one. She surprised her husband a little when she agreed to the move.

The Newtons have two children, Linda and Norman, Jr., who were high school graduates at the time. They also agreed that the house had a certain quality about it that warranted more attention than it had had.

"Other relatives and friends thought we were crazy," says Newton. "It was such a terrible sight inside that they thought it was hopeless."

Linda, the Newton's daughter, however, said, "It looks like a happy house where kids come home for Christmas."

The Newton family saw more than the broken down condition of the house, one of the oldest in Chester County. Perhaps they saw it as it would be transformed by their skilled father and husband, Norman. Particularly gifted in woodworking and masonry, Norman Newton saw a challenging and interesting future in remodelling and restoring the old house.



HOMESTEAD NOTES

He reports that others have also been intrigued by the old home. A neighbor used to stop when the house was still vacant and close the gaping doors when they were blown open to the wind. She told the Newtons it was a shame to see the house in such bad condition year after year.

A former resident of the house came to her childhood home after the Newtons had moved in. She told them she had lived in it some 50 years ago and wanted to come back to see it. She was delighted when she and her husband drove around the bend just before the house came into view and saw it still had a roof on it. This visitor filled in some missing links in the house's history such as the one-time existence of an icehouse to the north side. The Newtons had wondered what the remaining stone wall had been built for. Much of the house, as the elderly visitor one-time-occupant of the home saw that day, was new to her though. The Newtons had built a new kitchen in the old Summer kitchen, taken

(Continued on Page 45)

Combining the new with the old, the Norman Newtons of Chester County recently renovated their home which dates back to 1711. The top picture is a shot from the northwest angle of the old stone house, showing the screened-in porch and the extended side porch. To the left, Norman and Opal relax in their newly built family room. Opal is working on a pine cone wreath, typical of all the handcrafts which decorate her home. In the background is a fireplace which Newton faced, himself, from creek stones found on the property. Another fireplace, shown in the third picture, is a walk-in located in the oldest segment of the house. Newton has plans to take apart the existing structure and restore it to its earliest dimensions. And, since a lot of the work in the house was done by Newton, it is only natural that he would have a woodshop, shown below.

Farm Women's Calendar

Today, Dec. 10

Berks Co. Society 5 meeting, 7 p.m. at Tulpehocken United Church of Christ.

Lancaster Co. Society 2 meeting, 1:30 p.m.; Hostess Luella Low, program packing fruit baskets.

Lancaster Co. Society 8 Christmas Party, 6:30 p.m.; at the home of Mrs. Vera Frey, Marietta R1.

Lancaster Co. Society 13 Family Christmas Party, 6 p.m.; Ronks Fire Hall.

Lancaster Co. Society 17 Christmas Party, 7 p.m.

Lancaster Co. Society 19 Christmas Party, 7 p.m.; at the Robert Fulton Inn.

Lancaster Co. Society 27 Surprise night, 6 p.m.

Tuesday, Dec. 13

Dauphin Co. Society 1 Christmas Banquet.

Lancaster Co. Society 22 cookie exchange and party, 7:30 p.m.; hostess Naomi Wenger.

York Co. Society 26 meeting, 12:30 p.m.; hostess Luna Kohler.

York Co. Society 29 Christmas Party, hostess Arlene Keener.

Thursday, Dec. 15

Lebanon Co. Society 8 meeting.

Lancaster Co. Society 26 meeting, program Verna Hostetter.

Saturday, Dec. 17

Lancaster Co. Society 3 Christmas Party, 2 p.m.; at the Salem Lutheran Church.

Lancaster Co. Society 18 meeting, 1:30 p.m.; hostess Susie Wissler. Program will be Dr. Chester Kivoka speaking on pewter.

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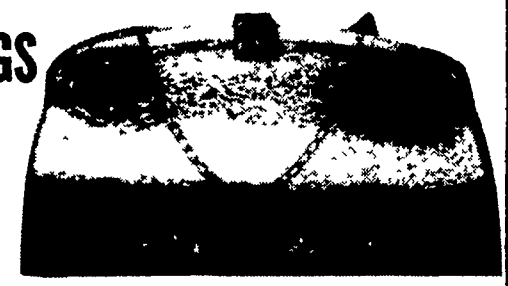

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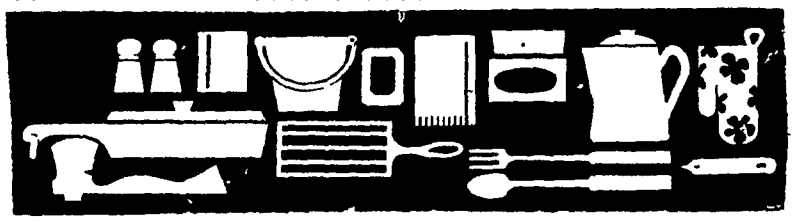

Junior Cooking Edition

The month of December is now here and Christmas is fast approaching. Here in the column this week are a number of special treats to make for the holidays, but good any time of the year. From a special Christmas salad to soft pretzels, all can be made this week.

Don't forget to send your recipes to **Lancaster Farming**, Junior Cooking Edition, Box 266, Lititz, Pa., 17543. Remember complete directions, your name, age, address, and phone number.

SWEET CREAM DOUGHNUTS

1¼ cups sweet cream
½ cup brown sugar
2 eggs
½ teaspoon salt
3 teaspoon baking powder
3-1/8 cups flour

Beat eggs, add sugar, and sweet cream. Combine with sifted dry ingredients. Mix well and roll out 3/8 inch thick. Cut with doughnut cutter and let stand one hour. Fry in deep fat at 365 degrees F. until brown on both sides. Roll in sugar. Makes about 3½ dozen.

Alvin Zimmerman
Age 7
Mifflinburg, Pa.

xxx

TAFFY

2 cups granulated sugar
1 cup corn syrup
1 cup top milk (not cream)
2 teaspoons paraffin
½ teaspoon unflavored gelatin
¼ cup cold water
4 drops peppermint flavoring

Boil sugar, corn syrup, milk, and paraffin on low heat for 15 minutes. Melt gelatin in water, then add to hot mixture and boil until it is thick enough to form a hard ball in cold water. Peppermint flavoring may be added for a different taste.

Dorcas Stoltzfus
Age 8
Dundee, N.Y.

CHRISTMAS SALAD

1-3 oz. box size lime gelatin
1¾ cups hot water
1 small can crushed pineapple
1 tablespoon unflavored gelatin
⅓ cup cold water
8 oz. package cream cheese
1 package dairy whip topping
1-3 oz. box red gelatin
1½ cups hot water

Dissolve lime gelatin in 1¾ cup hot water. Drain the pineapple and save juice. Mix pineapples in gelatin and let set.

For second layer boil pineapple juice and pour over gelatin while still hot. Then cool and add cream cheese. Whip dairy whip topping as directed on package and add to cheese mixture. Pour mixture over green layer. Let set.

To make third layer, mix red gelatin with hot water and let cool. Then pour over white layer. Let set until hard.

Miriam Stoltzfus
Age 14
Gordonville, Pa.

xxx

CHOCOLATE PEANUT DREAM

(A make with mother recipe)

16 large marshmallows
1 package (6 oz.) semi-sweet chocolate bits
1/3 cup creamy peanut butter
2 tablespoons butter
2 tablespoons milk
1 cup flaked or shredded coconut
1 cup quick oats
⅔ cup salted peanuts

Melt marshmallows, chocolate bits, peanut butter, and butter in top of double broiler over hot (not boiling) water. Stir until smooth, then remove from heat. Stir in milk, coconut, oats, and peanuts. Drop from a teaspoon onto paper. Chill. Makes about eight dozen.

Rachel Schrawder
Age 10
Spring Glen, Pa.

xxx

REFRIGERATOR ROLL

2 packages dry yeast
2 cups warm water (or potato water)
½ cup granulated sugar
2 teaspoons salt
6½ to 7 cups bread flour
1 egg
¼ cup shortening (softened)

Dissolve yeast in water. Add sugar, salt, and ½ cup of flour. Beat thoroughly for two minutes, add egg and shortening, and beat. Add remaining flour and mix by hand, until smooth. Place in bowl and grease top. Cover with damp cloth. Place in refrigerator. Punch down occasionally. Two hours before baking, cut off amount needed. Roll dough to ½ inch by 12 inch thickness. Spread surface with soft butter and brown sugar. Cut into ½ inch strips, shape into knots. Brush with butter and let rise for two hours. Bake 25 to 30 minutes at 350 degrees F.

Mary H. Sauder
Age 10
Narvon, Pa.

ROLL OUT BARS

¼ cup butter
1 cup granulated sugar
2 tablespoons cocoa
¼ cup milk
¼ cup peanut butter
½ teaspoon vanilla
1½ cups oatmeal

Combine butter, sugar, cocoa, and milk in a

(Continued on Page 46)

GARDEN SPOT PROMOTIONS presents A NITE of MUSIC

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7:00 P.M.

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Homestead Notes

(Continued from Page 42)

out partitions in the front to make one large living room, built on a 14 by 16 foot family room addition extended from the kitchen, extended the small porch to design a laundry, a bathroom, and office area, and built a 16 by 22 foot screened in porch behind the kitchen.

It took five years of litigation to get a clear deed for the house and in the meantime the Newtons had sold their Homeville home and needed to move before they got all their renovating done.

"The kitchen was newly built in but that was all," said Newton. Mrs. Newton recalls, "We had no heat, very few electric outlets or lights, the living room ceiling beam was sagging down into the middle of the room, the floor was shimmed level with old shutters, the drier almost fell through the porch floor into the well beneath it. We put a box spring on the floor upstairs and moved in.

It turned very cold right away. We had one section of baseboard heat installed in the kitchen and went to work on the rest of the house."

The two front rooms were the ground floor of the oldest part of the house. The original beams were discovered under the sagging plaster. Norman bolted the badly sagging main beam to a truss in the attic to gradually pull it up straight again. They plastered over the area between the exposed beams and the walls.

"They were rough walls coated with layer after layer of whitewash," Mrs. Newton explained. "It would have been nice to leave them so rough, but Norman said it would not be very practical to keep clean and to have a family live in the house, too."

A blending of the old with the practical for family living characterizes the finished interior of the Newton home, now. Norman put down new oak, randon-width floor boards in the living room but he pegged them himself with walnut pegs as did builders long ago. The Newtons uncovered huge hearth stones hidden under the old floor in front of the walk-in fireplace, kept the wide floorboards upstairs exposed, and salvaged many of the old wooden shutters, cupboard doors, window sills, and other structurally sound original materials in the house.

However, to provide room and comfort for the Newton family to live and entertain friends in the house, they added modern conveniences in the kitchen, bath, laundry, electric, heat, and plumbing by hiring contractors. The coziness of the home however, was provided by Norman's skills in masonry and woodworking and Opal's talents in crafts.

"Ever since we lived on a dairy farm, our family has always stayed in the kitchen," says Norman. "Even our guests stayed around the kitchen table. So I built this addition or extension onto the kitchen so we could all be in the same room and not be so crowded."

Norman carried stones from the creekbed on the 38 acre tract of land to construct the fireplace at the East end of the family room to match the stonework in the existing fireplaces throughout the house. He also filled the house with his hand-crafted early American pine furniture. He pegged rather than glued or nailed the furniture in the style of early craftsmen. He used a pine lumber and stained with a min-wax special walnut stain, then protected the surfaces with a satin finish polyurethane. The warm, dark, softly glowing surfaces of the furniture accent the rooms with their white plaster walls and Williamsburg style blues and greens used for the woodwork trim.

Newton said neither his wife nor his family has many authentic antiques from their family's possessions. He and Opal are not attracted to strangers' antiques and would rather have Norman's own handcrafted furniture in the old pegged style or technique.

Newton said it takes him a long time to make furniture for their house because he invariably has to make three of the same piece – one for his home, one for his daughter, and one for his daughter-in-law.

Newton was able to copy the beading, or edge design, on any new doors or woodwork he made to match the design in the original woodwork. He also purchased wainscoating panelling to match the wainscoating in the kitchen. This room was probably built onto the original part of the house in the 1800's.

Also adept at the time-consuming task of pointing stonework, Newton pointed the outside of the sandblasted stone walls this Summer. Opal said, "We removed the stucco last Winter when it was 10 degrees below zero and Norman pointed the stones this Summer when it was 100 degrees!"

This next year the Newtons plan to finish the outside of the house. Norman intends to put up the pent eaves - sloping 14 inch deep wooden trim which juts out from the stone walls above the windows. The pent eaves run all the way around the house much like a continuous porch roof. The purpose of this was to help protect the window sashes from the elements. The Newtons also plan to hang the shutters. At present Opal and Norman say they are trying to decide what color to paint the exterior trim. They found a red and a blue on the old trim when sandblasting particles hit the wood and uncovered the earlier layers of paint. "We have all Winter to argue about that!" says Norman.

Discouraging appearances, bad backs, unfavorable weather, and a busy family life with children, grandchildren, and friends, in addition to fulltime mushroom farming did not deter Norman and Opal Newton from transforming a dilapidated, old stone house into a cozy, happy home.

For Ladies Only

Today, December 10

Frosty Fantasy Christmas Parade, sponsored by Wrightsville Jaycees, Wrightsville, 2 to 4 p.m.

Sunday, Dec. 11

Christmas Concert, by the Elizabethtown College Dept. of Music, Elizabethtown High School, 2:30 p.m.

Christmas Concert, by the Hershey Chorus, Hershey Community Center Building, 7 p.m.

Frieday, Dec. 16

Special Holiday evening hours start at Longwood Gardens, Kennett Square; for the Christmas tree lane and Christmas Conservatory, 5 to 9 p.m.

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9310 10½-18½

Ida's Notebook

Ida Risser

My Christmas cards are all addressed and notes have been written to friends and relatives. I've been catching up with the reading that I mentioned a month ago. However, I may have to do all my shopping from an armchair this year. The reason for this is that I broke my foot as I came out of church to the parking lot.

Somehow, I managed to drive myself home. Then my daughter took me to the hospital for X-rays. They were surprised to see her, as she had just been there while I was away at church. She hadn't gone to church and had run a sewing machine needle completely through her index finger. Is there a lesson there somewhere? I went and got hurt and she stayed home and got hurt. So, here I sit with my plaster cast.

I've had to accept some disorder in my house the last week or so. The children were home from college and high school and had projects started all over the place – and I like things to be neat.

One room is taken over by two girls making two dresses. There are pattern pieces and material laying everywhere. The dining room table has the innards of a radio scattered on it as my son probes to find the trouble. Another son is putting a shelf on a small oak table which I got off of the attic to furnish a room at State College. The deer hunting clothes are scattered hither and yon.

Now there is something to be thankful for – this year I did not buy a deer license the day before I fell. I certainly couldn't have used it. The first thought that crossed my mind when I felt that awful pain was, "thank goodness it is me and not my husband", as I don't think we could manage to milk 55 cows without him. Boy, am I looking forward to getting my two good feet back in January.

Junior Cooking Edition

(Continued from Page 44)

saucepan. Bring to a boil and let boil for one minute. Measure and set aside remaining ingredients. After first mixture has boiled for one minute, quickly mix the remaining mixture into the first. Drop by teaspoons onto wax paper. Let cool. Makes about 25 cookies.

Norma Byler
Age 12
Dover, Del.

xxx

SOFT PRETZELS

2 packages active dry yeast
1 cup lukewarm water
2 cups scalded milk
2 tablespoons granulated sugar
2 teaspoons salt
7½ cups sifted flour
2 quarts water
1 tablespoon baking soda
1 egg, beaten
1 tablespoon water
course salt

Sprinkle yeast on lukewarm water, stir to dissolve. Pour milk over sugar and salt in mixing bowl. Cool to lukewarm. Add yeast and 3 cups flour to milk mixture. Beat at medium speed of electric mixer for two minutes. Stir the remaining flour in to make a soft dough that leaves the side of the bowl. Turn dough onto floured surface. Knead until smooth and satiny, about ten minutes. Place in greased bowl, turn over to grease top. Cover and let rise until doubled, about 1½ hours.

Divide dough in half. Roll into 12 by 10 inch rectangles. Cut into ten 12 inch strips. Roll each strip into a 20 inch rope. To form pretzel, hold ends of rope. Form a large loop. Twist rope once three inches from ends. Bring down ends of rope and pinch to opposite sides of pretzel.

Place on lightly floured surface. Repeat with remaining dough. Let rise uncovered 30 minutes.

Heat two quarts water in dutch oven during last ten minutes of rising time. Add baking soda. Add pretzels to boiling water, two at a time. Boil one minute. Remove with slotted spoon. Let water drain off. Place pretzels on well-greased aluminum foil-covered baking sheets.

Combine egg and 1 tablespoon water. Brush pretzels with egg mixture. Sprinkle with course salt. Bake in 400 degree F. oven for ten minutes or until warm.

Verna King
Leola, Pa.

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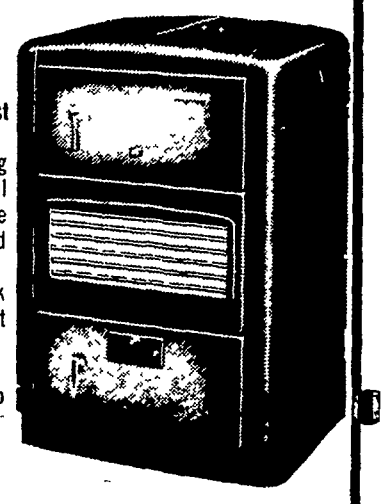

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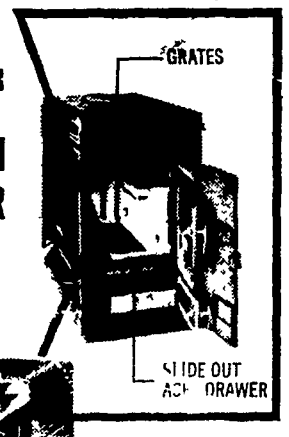

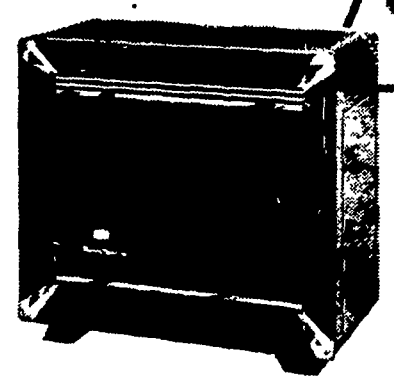

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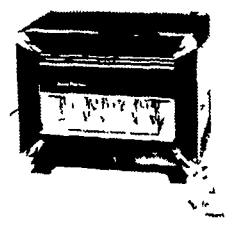

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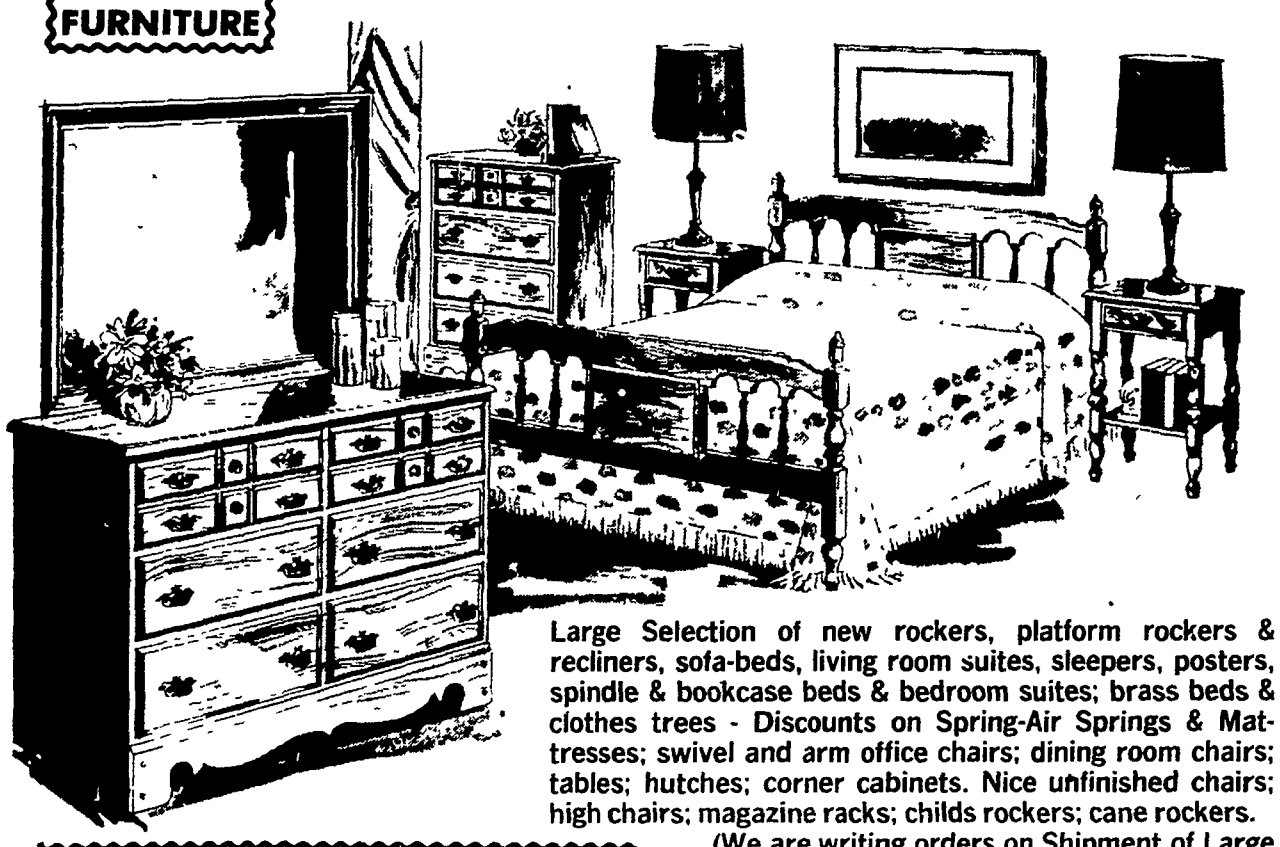

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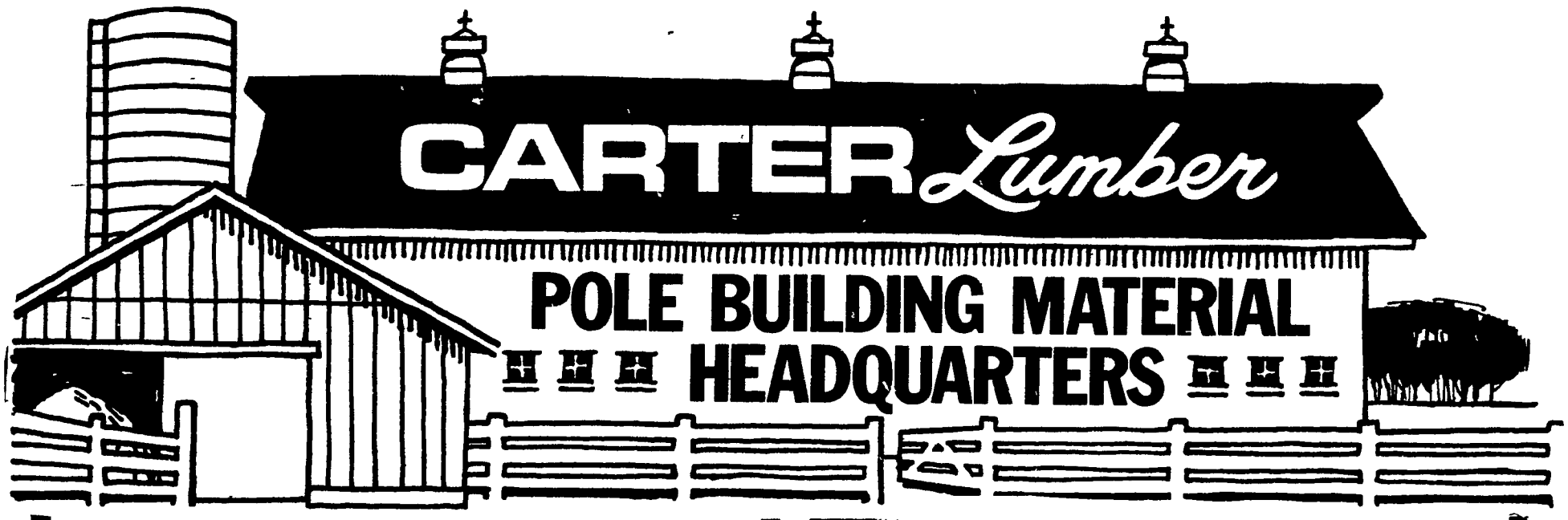

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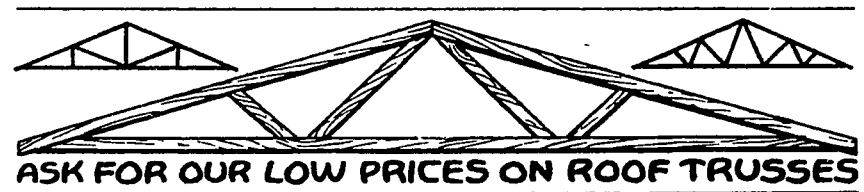

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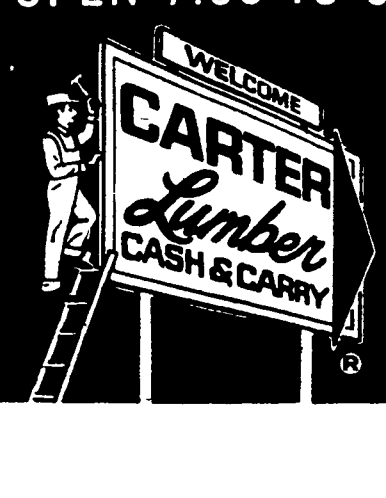

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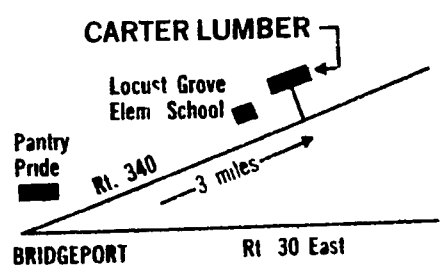


Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

SHRIMP FOR HOLIDAY ENTERTAINING

'Tis the season to be jolly. It's also the season for parties. And when it comes to holiday parties, one food stands out as perfect party fare - shrimp! Served as an appetizer, starred in a soup or an entree, tender, tasty shrimp will make a hit with everyone who gathers around your hearth during the holidays.

For a tree-trimming party, put out Potted Shrimp with a basket of crisp crackers or toast triangles. The yueltide tree stylists will lap up this luscious mixture, which is a blending of small cooked shrimp, cream cheese and dry white wine or sherry.

A "come in after caroling" invitation calls for mugs of steaming Shrimp Chowder. Make this from scratch, or, if time is a factor, just add cooked shrimp to a can of vegetable soup. Prepared either way, this marvelous shrimp mixture will touch the right chord with the red-nosed choristers.

Deck the halls with boughs of holly, then open your doors to friends and neighbors for a seasonal get-together. For your holiday open house plan plenty of nibbles. For the piece de resistance, put out a tray of crispy breaded shrimp with bowls of chinese mustard and catsup laced with hot pepper sauce for dipping.

Say "happy holidays" with a beautiful buffet or an elegant sit-down dinner. You can be the sparkling, relaxed hostess at these events, if you plan your menu around an easy to prepare entree like Shrimp 'N Rice. All you need to put this delicious dish together is Spanish rice and frozen, pre-cooked breaded shrimp. After heating arrange the shrimp on top of the rice. Garnish with parsely or watercress.

Holiday parties really can be perfect with succulent shrimp on the menu.

xxx

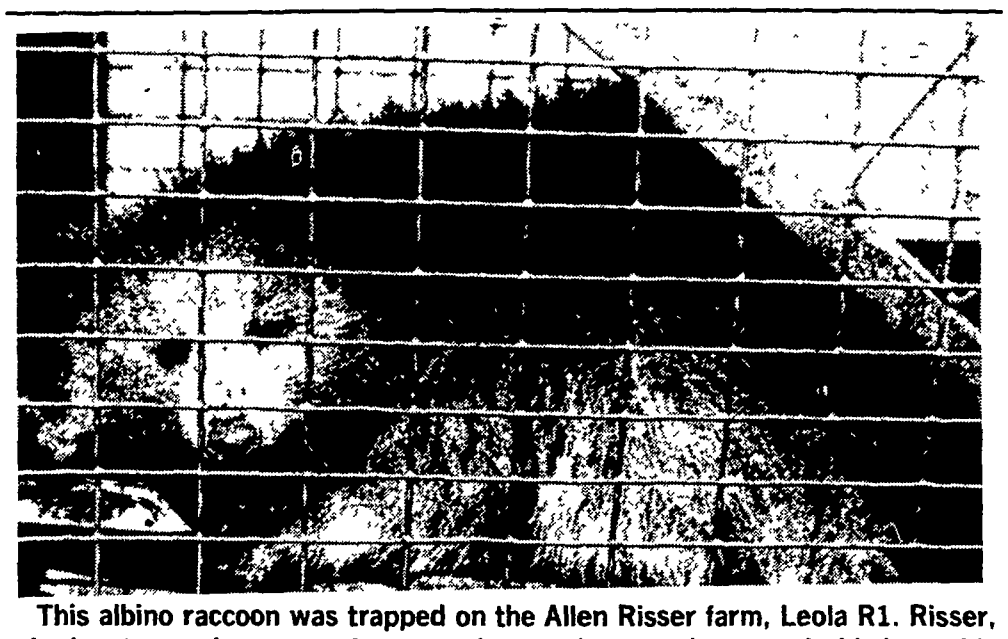
SCREEN CHILDREN'S TV COMMERCIAL-WATCHING DURING HOLIDAY SEASON

A child's first exposure to a commercial jingle could well be in the form of a modern-day lullaby. But by the time a child is about three he might have seen enough television to sing the current ad songs himself.

One of the least desirable effects of television is the impact too many commercials can have on a pre-schooler's mind—especially during the pre-holiday season. A young child just is not old enough to realize he won't automatically acquire the friends and exciting adventures claimed in the ads.

It might be best for parents to shield a young child at least partly from the bombardment of television commercials.

If a child asks for toys advertised, you might take the child to the store and see if the toys look as good in real life. Then, they can look at the price in relation to other toys. If the child is still interested, perhaps he can save out of an allowance for it or ask Santa to deliver the toy.



This albino raccoon was trapped on the Allen Risser farm, Leola R1. Risser, who has trapped raccoons for several years, has caught seven in his barn this year. Usually, they are sold for the fur, but this particular rarity will be stuffed to preserve its pink eyes and snow white fur.

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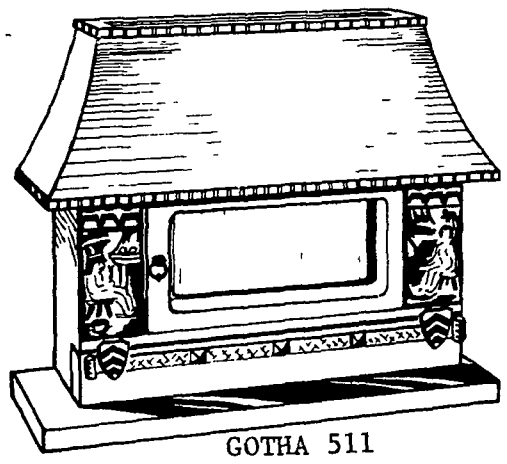

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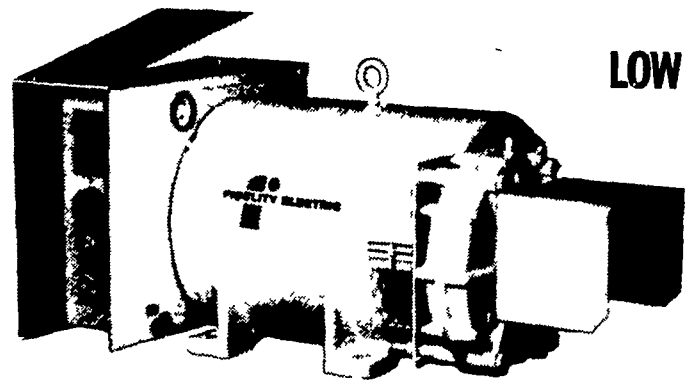

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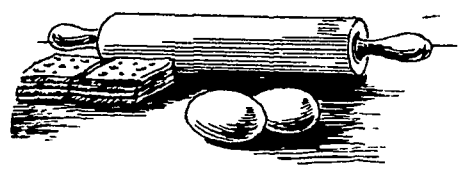
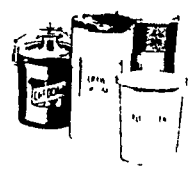
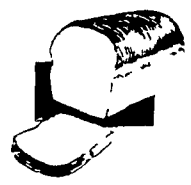
Home on The Range







The following 11 recipes are all holiday puddings, printed just in time to be fitted into your holiday meal planning.

According to Mrs. Donald Hill, the contributor of the first recipe in the column, her "Boiled English Plum Pudding" recipe was brought from England by her grandmother and has been a tradtional dessert in her family for many years.

BOILED ENGLISH PLUM PUDDING

1 pound flour
1 pound ground suet
2 eggs (slightly beaten)
½ cup sugar
1 pound seedless raisins
1 pound currants

Mix all ingredients well. Form into a ball and tie in a white muslin square about 36 by 36, leaving enough room for expansion. Tie to a stick (a piece of broom handle can be used) and place across top of large kettle. (A cold pack canner works well.) Cook in boiling water enough to keep pudding covered for four to five hours. Drain well and serve while steaming hot. Any left over pudding may be frozen and reheated in a double boiler.

PLUM PUDDING SAUCE

1 cup sugar
½ cup water
1 egg white
juice and rind of one lemon
½ pint heavy whipping cream

Cook sugar and water until it spins a hair in cold water. Add sugar syrup slowly to stiffly beaten egg white. Add lemon rind and juice. Add whipped cream and mix thoroughly. Serve hot over plum pudding.

Above two recipes by:
Mrs. Donald Hill
Apalachin, NJ

PEANUT BUTTER PUDDING

¼ cup peanut butter
2 cups milk
1 (4¼ or 4½ ounce) package instant chocolate pudding

Beat peanut butter and ¼ cup milk with rotary beater until smooth. Slowly add remaining milk, beating until well blended. Add pudding mix; blend well, about one minute. Pour into serving dishes. chill or beat at lowest speed on mixer.

BAKED CHERRY PUDDING

1 (no. 2) can cherry pie filling (2½ cups)
1 package loaf-size yellow cake mix

(Continued on Page 50)

Recipe Theme Calendar

DECEMBER	
17	"Christmas Stuffings" Deadline December 3
24	"Gelatin Whip-ups" Deadline December 10
31	"Party Appetizers" Deadline December 17

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2½ c flour (½ cake flour & ½ all purpose flour)
1 tsp soda
1 tsp cream tartar
Topping for Molasses Cake
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Bake 350° 40-45 min

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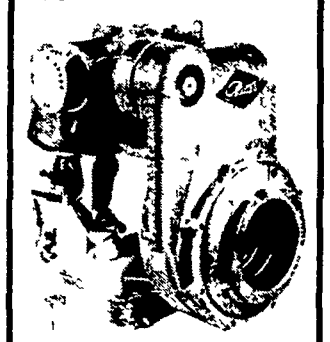

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Home on the Range

(Continued from Page 49)

⅓ cup butter (melted)

Spread pie filling in buttered 9 by 9 by 2 inch pan. Sprinkle cake mix evenly over top of filling. Drizzle with butter. Bake in oven at 350 degrees F. for 40 to 45 minutes or until top is golden brown. Serve warm with ice cream. Makes nine servings.

BREAD PUDDING

2 cups stale bread
1 quart scalded milk
½ cup sugar
¼ cup melted butter
2 eggs
½ teaspoon salt
1 teaspoon vanilla

Combine sugar, salt, vanilla, and eggs in baking dish. Stir in bread well and put milk and melted butter on top. Put in 350 degree F. oven until brown on the top.

PINEAPPLE PUDDING

2 cups water
1 cup sugar
4 tablespoons tapioca
1 can crushed, drained pineapple

Use pineapple juice to make two cups water. Cook water, sugar, and tapioca until tapioca is clear. Add drained pineapple and chill.

Above four recipes:
Mrs. Charles Biehl
Mertztown, Pa.

xxx

BAKED RICE PUDDING

½ cup uncooked regular rice
1 cup water
½ cup sugar
1 tablesppon cornstarch
Dash salt
2 eggs, separated
2½ cups milk
1 tablespoon lemon juice
½ cup raisins
¼ cup sugar

Stir together rice and water in saucepan. Heat to boiling, stirring once or twice. Reduce heat; cover and simmer 14 minutes without removing cover or stirring. All water should be absorbed.Heat oven to 350 degrees F. Blend ½ cup sugar, the cornstarch, and salt. Beat egg yolks slightly. Add yolks and milk to sugar/cornstarch mixture; beat with rotary beater. Stir in rice, lemon juice, and raisins. Pour into ungreased 1½ quart casserole. Place casserole in pan of very hot water (one inch deep). Bake about 1½ hours, stirring occasionally, or until pudding is creamy and most of liquid is absorbed. Remove casserole from oven but not from hot water. Increase oven temperature to 400 degrees F. Beat egg whites until foamy. Beat in ¼ cup sugar, one tablespoon at a time; continue beating until stiff and glossy. Spread on pudding. Bake eight to 10 minutes or until meringue is golden brown. Makes about six to eight servings.

Ruth Ruoss
Blain, Pa.

xxx

OZARK PUDDING

1 egg
¾ cup sugar
2 tablespoons flour
1½ teaspoons baking powder
1/8 teaspoon salt
½ cup nuts, broken
1 apple, diced and peeled
1 teaspoon vanilla
½ pint whipping cream, whipped

Beat egg and sugar until smooth. Add flour, baking powder, and salt. Add nuts, apple, and vanilla. Bake in buttered 8 inch pie pan 35 minutes at 350 degrees F. Serve with whipped cream, whipped cream with cointreau as flavoring, ice cream or hard sauce. This is one of Mrs. Harry Truman's favorites. Yields six to eight servings.

DATE PUDDING

2 eggs
1 cup granulated sugar
2 tablespoons flour
1 teaspoon baking powder
1 cup chopped nuts
1 cup chopped dates
1 teaspoon vanilla
½ pint whipping cream, whipped

Beat eggs and sugar together. Sift in flour and baking powder. Add nuts, dates, and vanilla. Butter and flour eight inch cake pan [illegible] rises during baking and begins to brown (about 10 minutes) stir well and let settle and continue cooking. Do not let pudding bake until dry. May be served with whipped cream. Yields 10 to 12 servings.

STEAMED FIG PUDDING

⅓ cup shortening
¼ cup finely chopped citron
1 cup chopped dried figs
2 teaspoons baking powder
⅔ cup sugar
⅓ cup diced candied orange peel
½ cup chopped nuts
4 cups graham cracker crumbs
2 eggs, beaten
½ teaspoon salt
1 cup milk

Cream shortening and sugar. Add beaten eggs, mix well. Stir in figs, orange peel, citron and nuts. Combine salt, baking powder, and cracker crumbs; add alternately with milk to fruit mixture. Place in greased six cup mold; cover. Steam for three hours. Unmold; serve with hard sauce. Yields 10 to 12 servings.

CRANBERRY PUDDING

1⅓ cups flour
½ cup molasses
⅓ cup hot water
2 teaspoons soda
½ teaspoon salt
2 cups raw cranberries, halved
½ cup butter or margarine
1 cup sugar
½ cup cream

Combine flour, molasses, hot water mixed with soda, salt, and cranberries. Pour into a buttered pan and steam two hours. Pudding may be cooked in top half of double boiler or coffee can placed in pan of boiling water and covered. Beat butter or margarine, sugar, and flour until creamy. Heat in double boiler; add cream. Serve over warm pudding. Yields six to eight servings.

Above four recipes by:
Mrs. James Coombs
Gardners, Pa.

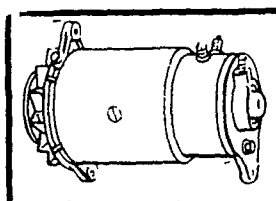
Time extended on Ohio-western Pa. milk order

WASHINGTON, D.C. – The U. S. Department of Agriculture (USDA) has extended by two weeks the time allowed for filing briefs on proposed changes to the Eastern Ohio-Western Pennsylvania federal milk marketing order.

To give interested parties more opportunity to send in any additional comments they have on proposed changes, the comment period will be extended to Dec. 12, according to Herbert L. Forest, dairy official with USDA's Agricultural Marketing Service.

Interested persons may send their briefs, in four copies, to the Hearing Clerk, Rm. 1077-So. Bldg., USDA, Washington, DC 20250.

Copies of the hearing notice detailing the proposals may be obtained from Market Administrator C. C. Taylor, P.O. Box 30128, Cleveland, Ohio 44130; or from the Dairy Division, AMS, USDA, Washington, DC 20250.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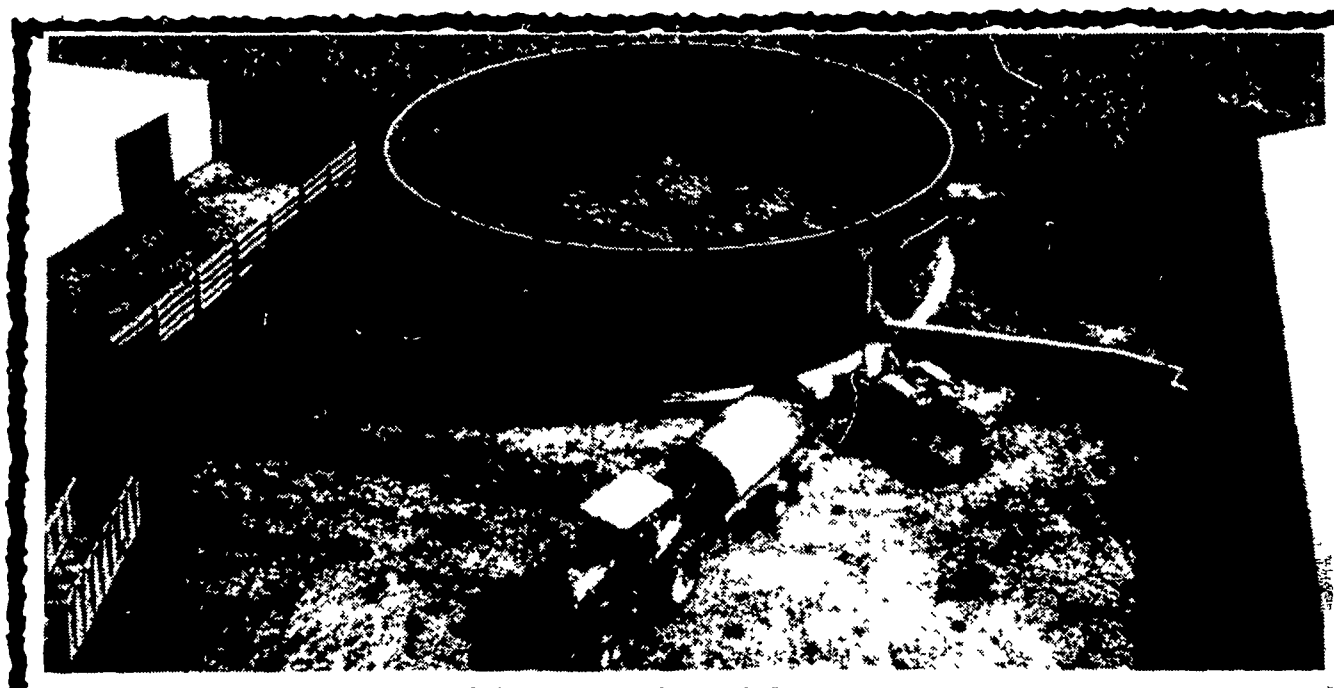
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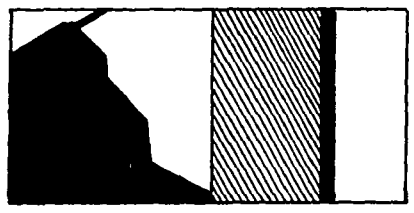
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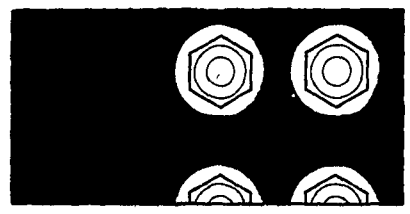
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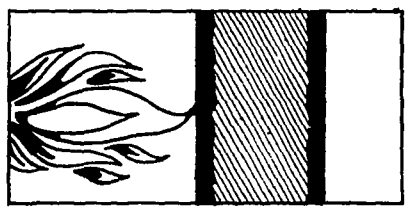
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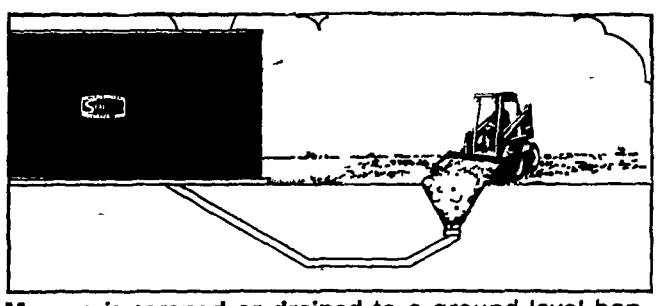
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Farm Women Societies

Berks Co. Society 3

A mystery trip was held recently by the Berks County Farm Women Society 3. The ladies toured the Mary Merritt's Doll Museum, the Americana Museum, and the Blue Marsh Dam Project at Bernville.

During a smorgasbord lunch at the Lincoln restaurant, Mrs. Ernest Hartline conducted a business meeting. It was voted to give food baskets to needy families in the community.

The new officers of the 1978-1980 term will be installed at the Christmas party to be held at Stahl's Restaurant on December 22, beginning at 6:30 p.m.

Berks Co. Society 5

The November meeting of Berks County Farm Women Society 5 was held recently in the home of Mrs. Ray Bicksler. Sixteen members were present.

During the business meeting, the group discussed their plans to tour the Schaeffer Brewery. Also discussed, were the plans to have the family Christmas party December 10, at the Tulpehocken United Church of Christ, Richland.

A motion was passed to send $50 to the Cambria County Farm Women Society for use for flood victims.

The group has a hoedown planned for January 1 1978, at the Stouchburg Fire Hall.

Following the meeting, a white elephant sale was held.

The society will have no December meeting.

Berks Co. Society 6

A Christmas party was held recently at the Olde State Barn in Oley by the Berks County Farm Women Society 6, with the "Sweet Adelines" providing the entertainment.

A short business meeting was held during which the new officers were installed.

After the Christmas meeting, gifts were exchanged and secret pal names were revealed.

The next meeting will be a field trip to the Reading Eagle Company, on January 17, beginning at 1 p.m.

Lancaster Co. Society 1

A sixtieth anniversary special meeting was held December 4 by the Lancaster County Farm Women Society 1. Members attended the church service at Founders' Hall, Hershey, Pa., after which they enjoyed a brunch at the Hotel Hershey. A short meeting was held after the meal.

Mrs. Martin Moore, a charter member of the group, spoke on what had happened for the past 60 years since the organization began. Games were played, and Christmas hymns sung as part of the occasion.

On December 15, the group will go to Conestoga View to entertain the guests. Next meeting of the Society will be January 7, 1978, at the home of Mrs. Mary Clark. Claude Young, Rothsville Fire Chief, will speak on smoke detectors.

Lancaster Co. Society 27

Lancaster County Farm Women Society 27 met recently at the home of Mrs. John H. Wolgemuth. Twenty-three ladies answered roll call.

A music package was sung by Jimmy Krieder while his mother, Mrs. Marion Kreider accompanied him on the piano. Mrs. Martha Reapsome spoke to the group on "Self Esteem and its relation to children".

During the business meeting it was decided to give $1,000 to New Life for Girls, Dover, Pa. This money was part of the proceeds received from the Farm Women Tour held in October.

Refreshments were served by hostess Thelma Wolgemuth and co-hostess Sara Ruth Sherer.

York Co. Society 12

York County Farm Women Society 12 voted to give $30 to the York Rescue Mission at a recent meeting.

Delegates to the state convention at Harrisburg on January 9 and 10 were chosen as follows: Mrs. Janet Kohler, Mrs. Robert Manchey, and Mrs. Charles Gable.

A Christmas party covered dish dinner will be held December 14 at the home of Mrs. Edward Lanius.

York Co. Society 16

York County Farm Women Society 16 held their monthly meeting at the home of Mildred Geohrig, Dover, Pa.

A report was given on the county convention held in November. Members were reminded of the State Convention which will be held January 9 and 10, which five members will attend.

The bus trip to New York on December 10 and 11 was finalized with members to leave from Salem Church at 5 a.m. It was announced that the Christmas Party will be December 17, 6:15 p.m. at the Avalong Restaurant.

A donation of $100 was made by the group to the Johnstown Flood Relief for use to buy Christmas dinners.

(Continued on Page 52)

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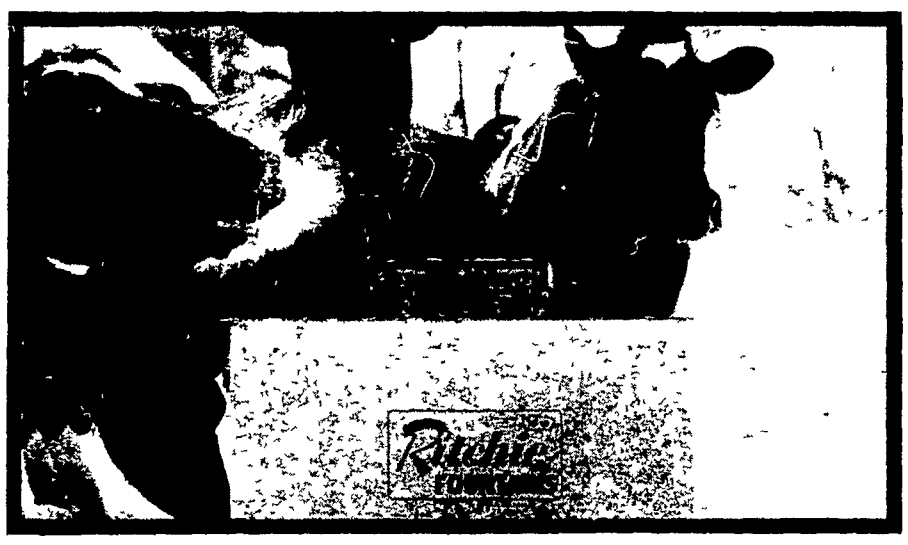

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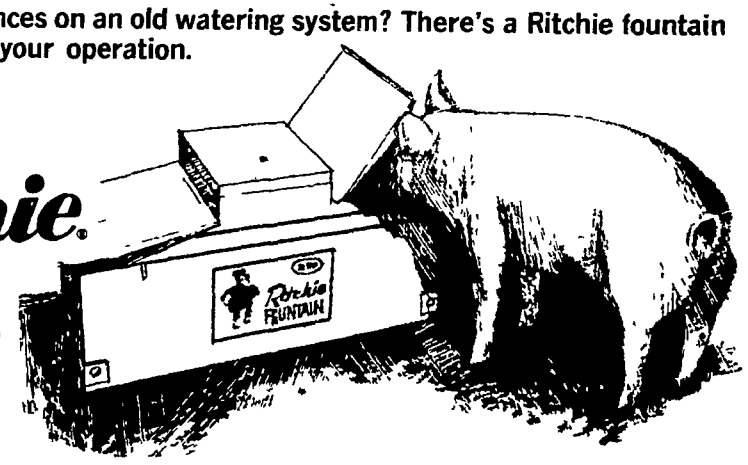

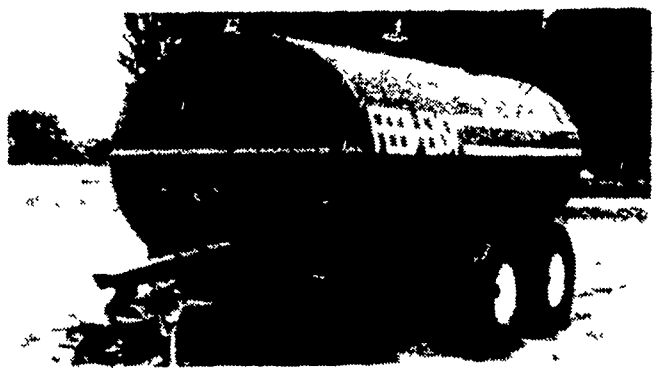

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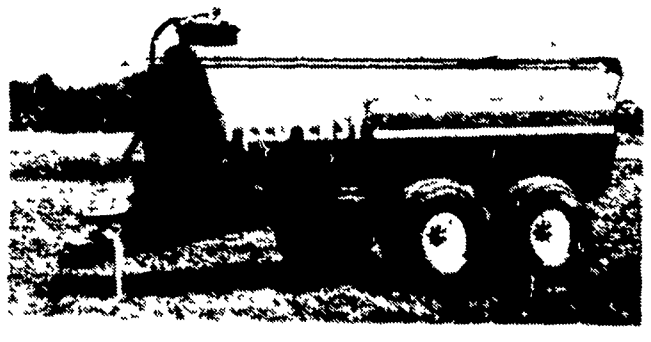

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Barn and Feed Lot Equipment

On being a farm wife

—*And other hazards*

By JOYCE BUPP

With a whoop of delight, I woke the big farmer as he snoozed before the TV set a few nights ago.

"Hey, I just read an article claiming that diet problems don't come from fats and cholesterol, but from a severe lack of fiber and bulk in American diets," I informed him.

"Ohisthatright?" he yawned, and dozed back off to sleep, without giving me a chance to elaborate on the possibilities of cashing in on this new trend.

Now, bran cereal advocates have pushed the fiber-rich diet theory for years. It never seemed to get anywhere, maybe because the recommendation informed people of something that was good for them, instead of warning about one more "no-no" they should avoid.

In light of the above mentioned research on fiber diets, we'd like to introduce our new suggested breakfast foods of the future:

First, for your enjoyment, is "Weedies," a tasty, fiber-rich crunchy green nugget. "Weedies" are made from only the freshest, most wholesome, naturally grown weeds, raised with tender loving care in our organic garden patch. We especially recommend trying our flavor pack, with a new taste treat for each day of the week. There's burdock, lambs quarters, foxtail, chickweed, wild garlic, ragweed and a perennial favorite, Canadian thistle, a genuine mouth-tingling treat. Remember, "Weedies is for the winners."

Or if you prefer flakes in your breakfast bowl, how about "Shredded Leaf?" Their rich brown color comes from a long sun-dried curing process, lying around on our yard, after spending many months gently waving in the breezes high above the ground atop the maple trees. A must with "Shredded Leaf" is sweetening with a spoonful of honey. Besides securing them to your spoon for easier eating, the honey will help keep them from blowing all over the kitchen floor.

On second thought, how about waffles for breakfast???

Farm Women Societies

(Continued from Page 51)

The next meeting of the group will be January 25, 1978, at the home of Delores Gettys, Dover, Pa. The group is planning a bowling party, at the Weiglestown Bowling Lanes.

York Co. Society 20

York County Farm Women Society 20 20 met recently at the home of Mrs. Rosalie Winter. Twelve members were present.

A total of 54 bed pads were constructed during the meeting, to be presented for use at Pleasant Acres. Squares were cut for a quilt to be sewn for the York Day Care Nursery.

Members are requested to prepare a wrapped gift, either for a man or a woman, which will be sent to guests at the Harrisburg State Hospital; they should be taken to the home of Sherrill Trimpey or Esther Zeigler by December 14.

The guess box was supplied by Lena Bubb and won by Ruth Hendricks.

December's meeting will be in the form of a luncheon, scheduled to begin at 11:30 a.m., December 20, at the home of Sherrill Trimpey. Entertainment will be a surprise program and secret pal gifts will be exchanged.

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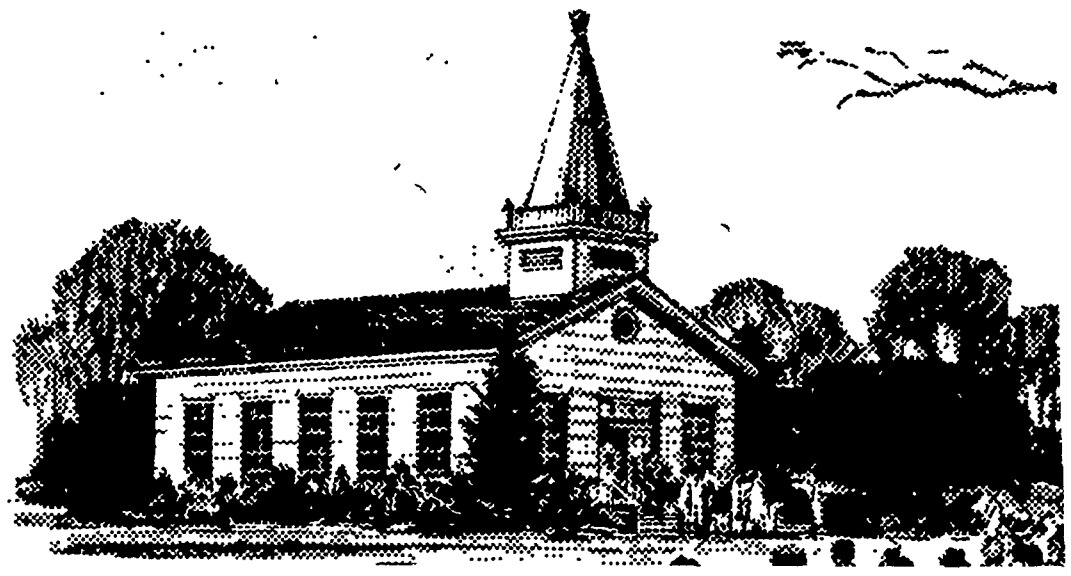

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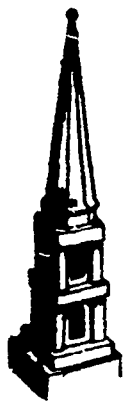

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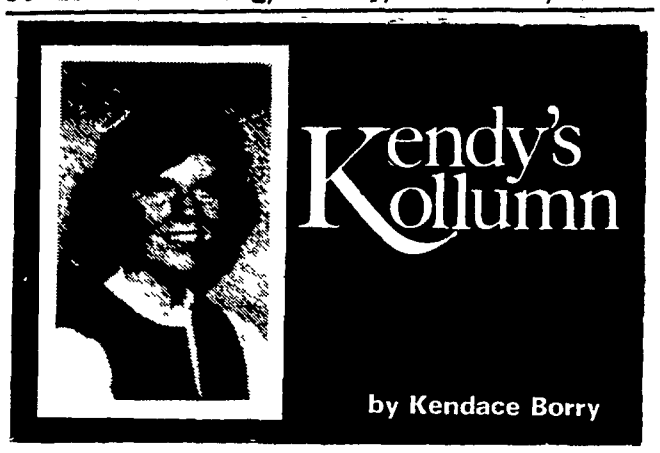

There I sat on the bare back of my faithful horse, watching my townie girlfirend Jean try to climb the four rail fence The poor girl was doing her best to reach the top, and I guess I didn't help matters any by laughing.

It was just that she looked so funny with one leg dangling through the second rail, hooked at the knee, the other leg hopelessly reaching for the next rail, both arms firmly enwrapped in the fence, while a look of panic filled her eyes. After all, the mud was only two feet below her, and she was none too secure

What she was trying to do was crawl to the top of the fence so I could guide my horse Dollar over and she could hop on behind me. (On these quick spontaneous rides, I do not bother with saddle or blanket).

Finally, with sheer determination Jean hauled herself to the top rail. balanced precariously, and lurched onto the horse's back, while grabbing at me for support

Good, I thought Now our problems are over. On with the ride

Unfortunately, this was not so Jean, who is a pretty good rider with a saddle under her, has some problems to overcome in the bareback riding stage Basic balance is one of them It is important for her to remember to sit up straight and not lean to the left or right too far Above all she should remember not to grab at the rider in front of her if she feels herself start to fall, as this may pull that poor unsuspecting person with her Friendship ends when it comes to falling off a horse

Also, there were problems with hills. When one goes up a hill, Jean tries to slide off the back of the horse When going down, the opposite occurs. At times, I began to feel I was sitting on top of the horse's ears, or sliding off the horse's rump depending on which way Jean was slipping

But the best was yet to come. Good old Dollar headed towards the creek and thundered into gear, as I calmly informed Jean we were going to jump it. Her look of fear and screams as we approached the water filled me with visions of terrible accidents. Then we were off into the air and over

The stream was jumped. I was still on, Jean was still on Dollar was still standing. Guess there's hope for us after all

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Plan ahead to enjoy your holiday parties

BAIR – Although it was cold and rainy outside, the atmosphere at the York County 4-H center was warm and cheery with Christmas ideas recently when 320 area homemakers gathered for their annual holiday meeting.

Featured during the morning session was Susan Doyle, formerly with the Lancaster County Extension service and now a free lance home economist. While demonstrating the preparation of several party foods, she recommended menues and edible gift ideas for holiday use.

"Plan ahead to enjoy your own parties," urged the efficiency-minded home economist. Prepare and freeze as much food as possible ahead of time, so that you have time at the last minute to do the fun things, like decorating. Provide for guests who have to dress for bad weather, with heavy coats and boots. And, have the sink and dishwasher cleared; they'll fill up quickly enoough during entertaining."

Special types of parties that Susan suggests are a holiday brunch, an open house, an after-caroling get-together and a New Year's Eve supper.

Dazzle your holiday visitors by preparing some of the following party suggestions.

Savory Ham Spread

3 pounds canned ham, ground (7 cups)
¾ cup mayonnaise
⅓ cup sweet pickle relish
½ cup coarsely chopped parsley
½ cup pimiento

Combine ham with remaining ingredients. Pack into mold or mixing bowl and refrigerate. Unmold and garnish. NOTE: Other cooked ham can be substituted for canned.

Marinated Mushrooms

1 pound small mushrooms
2 tablespoons olive oil
½ cup French dressing
1 garlic clove; halved

Lightly brown mushrooms in olive oil. Cover with French dressing; add garlic. Marinate for a few hours or overnight in refrigerator. Serve on toothpicks. Makes four to six servings.

Cranberry Sponge Roll

4 eggs, separated
1 cup sugar
3 tablespoons orange juice
½ teaspoon grated lemon rind
1 cup sifted cake flour
¼ teaspoon salt
1¼ teaspoon baking powder
Cranberry Topping
Confectioners' sugar

Preheat oven to 350 degrees F. Lightly grease a jelly-roll pan (15 x 10 inches) and line with waxed paper. Grease paper. Beat egg yolks until thick and lemon-colored. Gradually beat in three-quarters cup sugar. Add orange juice and lemon rind. Beat egg whites until they stand in peaks. Gradually beat in remaining sugar. Fold in egg-yolk mixture. Sift the flour with salt and baking powder. Fold into egg mixture and pour into prepared pan. Bake for 15 minutes. Turn out at once onto a towel sprinkled with confectioners sugar. Quickly remove paper and roll cake in the towel. Let stand until cold. Unroll cake and spread with cranberry topping. Roll up and sprinkle with confectioners' sugar.

Cranberry Topping

1½ cups fresh cranberries
¼ cup fresh orange juice
¾ cup sugar
1½ teaspoons cornstarch
1 tablespoon water
½ teaspoon grated lemon rind

Mix the cranberries, orange juice and sugar in a saucepan. Cover and cook for six to eight minutes, until skins burst. Blend the cornstarch and water and add to cranberries. Cook, stirring, for two minutes, or until mixture thickens. Remove from heat and stir in lemon rind. Chill.

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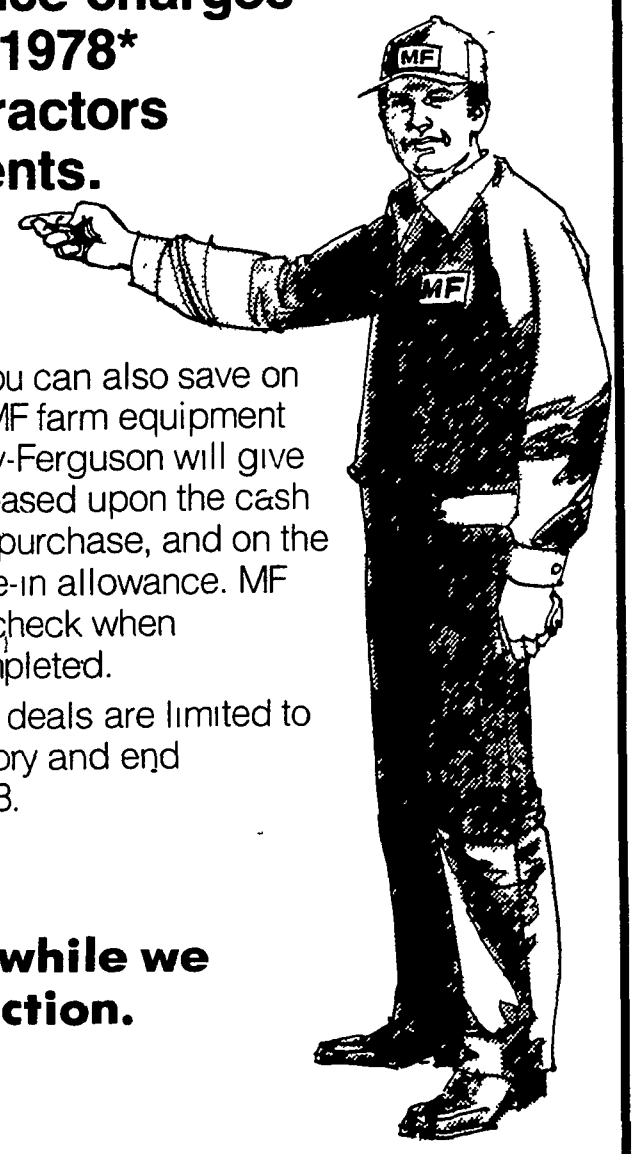

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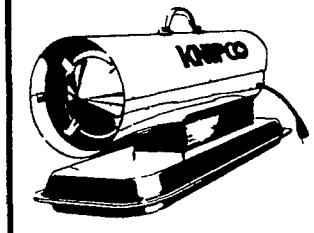

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My Thoughts . . . . .

And welcome to them

By JOANNE SPAHR
Assistant Editor

It usually began with small, quiet coughs timed approximately 60 seconds apart. If this, however, did not produce the desired results, the noise would slowly build into rapid-fire reverberating hacks that were meant to echo off the walls of the tobacco stripping room and drive my captors crazy.

Usually, it worked, but it took considerable energy on my part since both my dad and brother were determined that no matter what I did, I was **not** going to get out of stripping tobacco.

Their first defense was to turn up the volume of their conversation as soon as they heard the ritual begin.

As I got louder, so did they until we were all hollering, in one form or another, at the top of our lungs.

Realizing the ridiculousness of the situation, they would eventually stop talking and resort to another tactic in order to ignore me. This plan of action was to grit their teeth, squint their eyes, and concentrate on their tobacco stripping, hoping beyond hope that they had the power to shut my hacks out of their minds.

Unfortunately for them, I knew how to break their concentration. I'd just inch my way up right beside them and hack at their gummy tobacco stalks while they fiercely stared at them.

Usually, by this time, one of them would lose control and go berserk.

"Jo, you're driving me nuts!" somebody'd yell eventually "Why don't you go into the house and stop your confounded coughing!"

Not about to wait for another invitation to get out of work, I'd make a mad dash for the door before they even realized what they had said.

Once out in the cold, refreshing Winter's day, I'd run toward the house, smiling all the way.

Of course, there was one more hurdle to cross - explaining to Mom why I was in so early from the afternoon's work.

"They **told** me to come in," I'd say in defense of myself. "I guess they'd just rather do it themselves.

Northern Leb. YF and FFA alumni assn. hold annual banquet

The fourth annual banquet of the Northern Lebanon Young Farmers Association and FFA Alumni Association was held on December 3 in the Northern Lebanon High School cafeteria.

Toastmaster for the evening was LeRoy Geesaman, president of the Northern Lebanon Young Farmers and state Young Farmer public relations officer.

Shawn Hernley presented a speech entitled "Farm Exports and How They Affect the Consumer." Hernley will be entering his speech in the national "Spokesman for Agriculture" contest in Kentucky.

Trophies and ribbons were presented to members for placing in crop contests. Santa Claus then arrived to present gifts to the children.

Richard Hoppes, Pennsylvania Young Farmer president, explained the upcoming Young Farmer activities.

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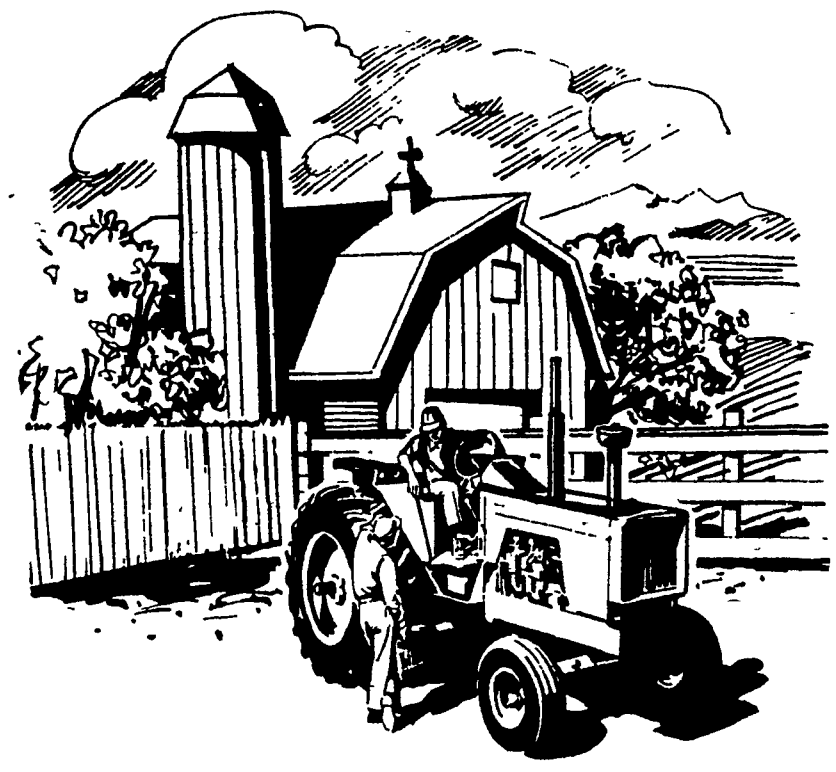

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Plant lovers' corner

Holiday gift ideas for the plant lover

With the holidays coming up, everyone is looking for gift ideas. For the plant lover on your list, the possibilities are practically endless.

Indoors, the window gardener might appreciate shelves to hang in a window, or a long-spouted watering can. Or how about an unusual pot for displaying a favorite plant?

A light gardener might welcome some fluorescent bulbs or an automatic timer. And a bonsai grower might be thrilled to get shallow Japanese bonsai pots, or a watering can with a very narrow spout.

Novel and unusual containers make perfect gifts for people who enjoy flower arranging. You can often find such containers in antique shops or at garage sales. Also consider needlepoint holders, blocks of oasis foam, or flower-cutting shears. And, the dried-flower enthusiast can always use silica gel.

For a personal touch, you might want to give young plants that you've started from your own favorites. Or try making macrame hangers. All you need is a simple instruction book and some string.

A more ambitious undertaking would be to put together a dish garden for some houseplant lover on your list. All it takes is a number of small plants—most of them fairly inexpensive. And a suitable container. The use of one that has a dull or matt glaze and is very simple in design, so that it won't compete with the plants you put in it, is suggested. If there is no drain hole in the container, place a layer of gravel and charcoal in the bottom before adding soil and the plants. Be sure to pick materials that have compatible moisture requirements so that when the "garden" is watered they're all happy.

If you want to give a plant, you might also consider giving an amaryllis bulb. These often come in special gift packs, potted up and ready to water. The amaryllis is an excellent investment despite its initial cost. With proper care, the same bulb can be made to bloom annually for 30 years or more.

An older, housebound person on your list might enjoy receiving a bowl of paper white narcissus that have been forced. These bulbs come along rapidly and produce fragrant white flowers that can be very welcome to someone fretting over the drabness of Winter.

If a gardening friend has a mania for one particular type of plant, it should be kept in mind that almost every plant favorite has a national society. A gift membership will provide a regular magazine as well as other benefits. Along the same line, most gardeners have an area of special interest, whether it's vegetables, lawns, ornamental trees, or houseplants. A book or magazine subscription on this favorite subject is another gift idea that should appeal.

If you're having trouble thinking of presents to give, also consider practical things a person could use in the garden. For instance, a set of permanent labels and an all-weather marking pen might be well appreciated. Or a garden diary could make a pleasing gift.

Tools make excellent gifts, too, even if they do represent work. A garden trowel, hand weeder, or mini-hoe are possibilities. Or, if you're looking for something bigger, how about giving a wheel barrow, roto-tiller, lawn mower, power sprayer, feeder or fertilizer, spreader. Pruning tools such as hand shears, loppers, hedge clippers or pruning saws can also make good gifts. With tools, just remember that cheap ones in many cases are not worth the money spent on them because they won't stand up to hard use.

Once you start thinking about all the practical needs of the plant lover on your list, you may be surprised about how many other gift ideas you can dream up. In fact, your worst problem could be just making a choice.

Living Christmas trees take care

Each year many people buy evergreens that are planted in tubs to be used as indoor Christmas trees. After Christmas the plants are set in the yard and used as part of the landscape. In order to help the plant survive this unnatural treatment, some special care is needed, advises James J. McKeehen, Delaware County Extension agricultural agent. First of all, it is important to keep the plants well watered in the home so that the needles will not dry and drop. This is often difficult to do and it is strongly urged that a water-proof container of some sort be placed between the tree and the floor.

The sooner living Christmas trees are planted in their permanent location, the better are their chances of survival. One problem in planting trees at this season is that the soil is apt to be caked and wet and it is very difficult to pack the soil around the roots. Naturally, the tree must be well watered just as in Summer and Fall planting. If the soil is frozen and the planting cannot be done immediately the tree can be placed in a sheltered location on the surface and a mulching material of some sort packed around and over the root ball. Planting can be done later when the ground is workable. In any event, the tree should be in a location where it will not be subjected to strong winds and if it must be planted in an unsheltered area, some protective screen should be used.

Crop evaluation winners named

HAMBURG – The annual Berks County FFA crop evaluation contests were held recently at Hamburg High School. Winners of the contest were as follows:

Ken Sanner won first place in the alfalfa hay, clover hay, grass hay, haylage, and wheat classes placing second in oats. Other winners were Steve Angstadt, Kutztown, second in alfalfa and first in oats; Harvey Bitler, Twin Valley, second in wheat.

Corn yield, winners included: first, George Sattazahn, Tulpehocken FFA 185.49; second, Harvey Bitler, Twin Valley 178.5; third, Martin Moyer, Tulpehocken 164.68; fourth, Daryl Kunkle, Kutztown 163; fifth, Lowell Stutzman, Kutztown 155.61; sixth, David Reigel, Kutztown 154.3; seventh, Tom Kirk, Twin Valley 147.5; eighth, Ken Sanner, Kutztown 140.2; ninth, Howard Griest, Twin Valley 140.15; and tenth, Mike Heiter - Kutztown 139.5.

In the Corn Quality Contest, winners were: first, Harvey Bitler; second, David Dietrich, Kutztown; third, George Sattazahn; fourth, Michael Strause, Hamburg; fifth, Howard Griest; sixth, David Reigel; seventh, Martin Moyer; eighth, Daryl Kunkle; ninth, Chris Bear, Kutztown; and tenth, Lowell Stultzman.

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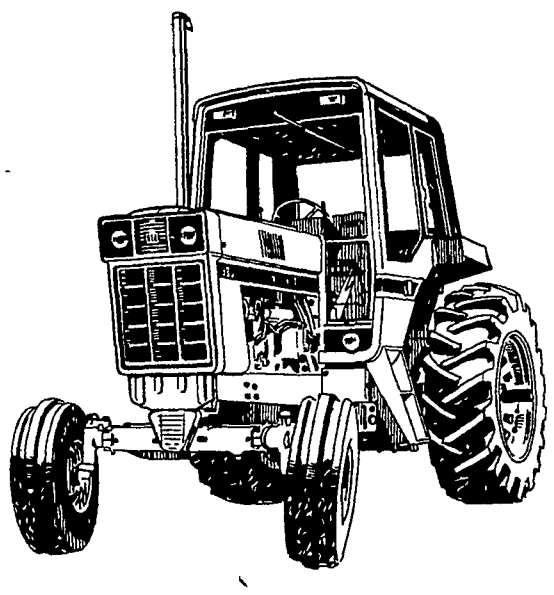

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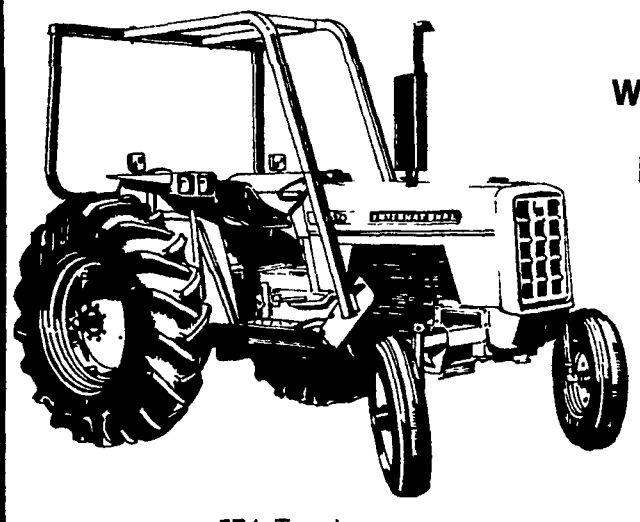

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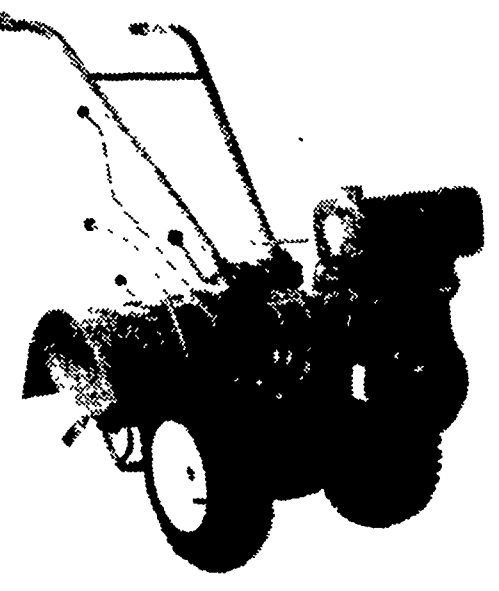

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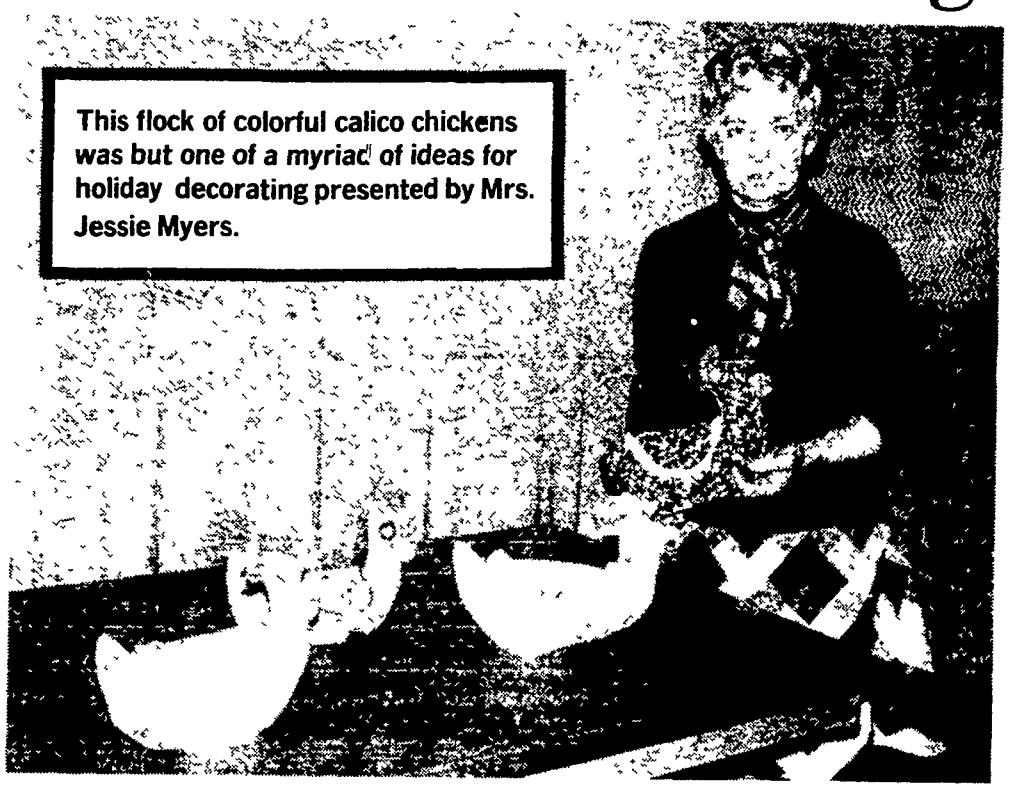
Homemakers meeting offers Christmas crafts



This flock of colorful calico chickens was but one of a myriad of ideas for holiday decorating presented by Mrs. Jessie Myers.

By JOYCE BUPP
Staff correspondent

BAIR – "I get my ideas from everywhere," admits Jessie Myers, a talented floral arranger, craftsman, and nationally accredited flower show judge. Mrs. Myers, of Creston Road in York, shared her Christmas season decorating ideas during the afternoon program at York County's annual homemakers' holiday meeting, recently.

Now studying for her master's degree in floral design, Mrs. Myers has served as craft director for both the York Recreation Commission and the Girls' Clubs.

Many of her ideas on display for the homemakers incorporated pinecones and greens, topped off with colorful ribbons. By wiring the cones, nuts, dried seeds, assorted dried grains, and glycerized leaves to metal hardware cloth, the creations become permanent items that can be used for many years. Fastening the assembled dried materials to a backing of fresh greens, and tying on a festive bow created an instant holiday door-swag.

When glycerizing leaves, a frequent addition to holiday designs, the arranging expert recommends a solution of ⅓ part glycerine and ⅔ parts water. Lay leaves to be preserved in the solution and let them soak until they've turned brown and leathery.

Dried materials and cones can also be arranged and fastened to hardware cloth for use as centerpieces. distributed atop evergreen boughs for inexpensive holiday touches. Mrs. Myers especially recommends this idea for large banquet-type dinners, where there are many tables to be decorated.

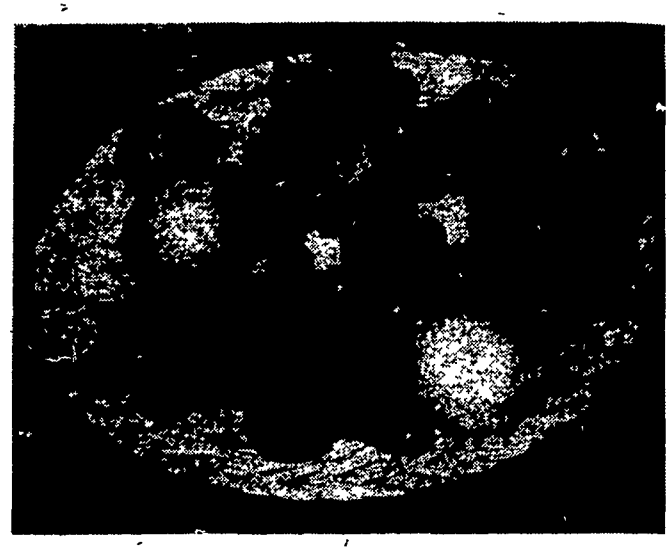
"Many of these natural materials can be had for almost nothing," she reminded her audience.

Especially popular this year, notes Mrs. Myers, are bells. A very simple to make swag included in her exhibit featured three graduated-size wicker bells wired to an evergreen bough, finished with a large bright red bow.

Calico fabric is another important design accessory incorporated by the arranger in her creations. The colorful print was shown in gingerbread boys hung by elastic thread under an evergreen mobile-type swag, a favorite of children because of the dancing movement of the figures. There was also a calico hen hiding a vase of pine greens, and a molded plaster rooster dressed in glued-on calico scraps. Ribbons from the brightly-colored fabric lend an old-fashioned appearance to swags, wreaths, and centerpieces.

One unusual craft demonstrated by Mrs. Myers was the creation of artificial fruit from assorted sizes of styrofoam balls. Other materials needed are packets of crepe paper, pipe cleaners, and paraffin.

(Continued on Page 59)



Looks good enough to eat - but it's not recommended. This colorful and long lasting fruit is made from styrofoam balls, wrapped with strips of crepe paper, then dipped in warm paraffin to seal.

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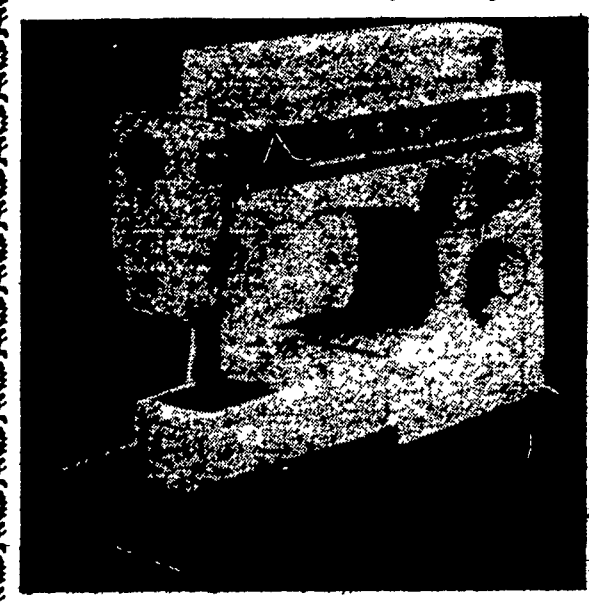

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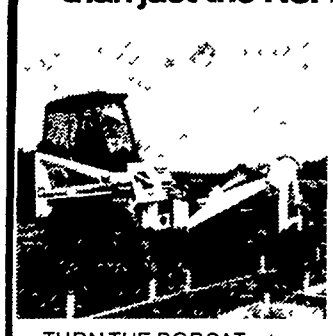

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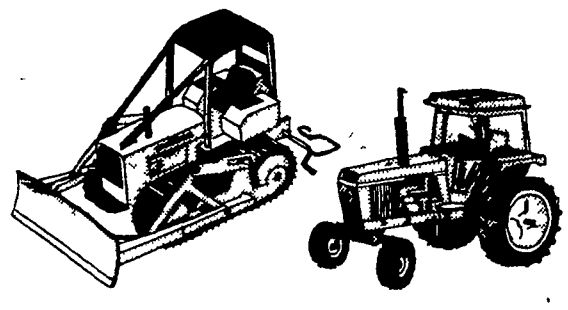

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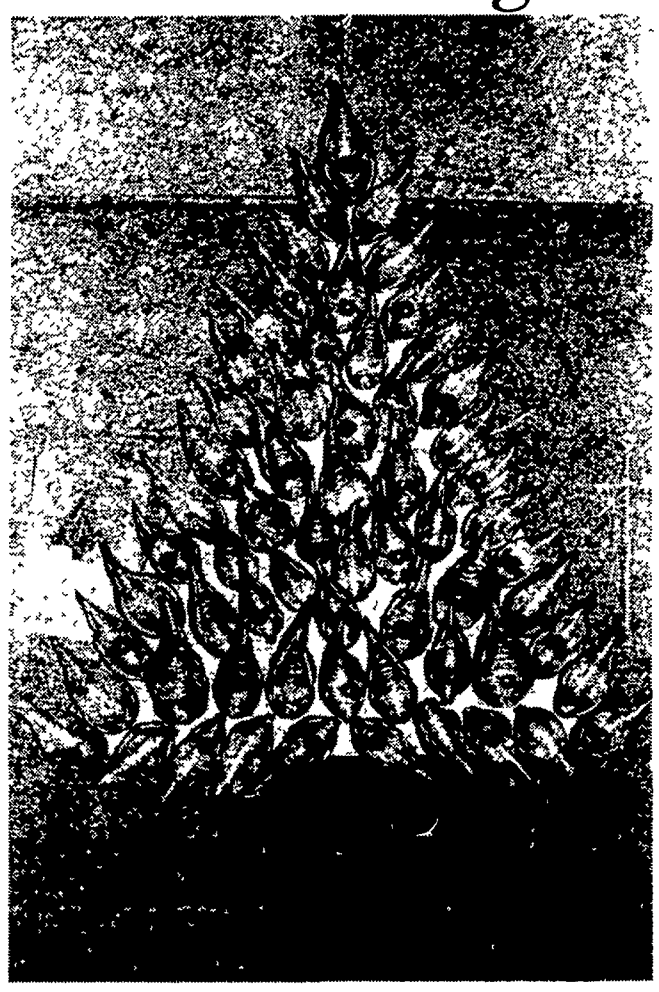
Homemakers meeting

(Continued from Page 58)

To make an "apple," begin with a two or three-inch styrofoam ball. From one end of a still-folded pack of red crepe paper cut off a strip about one-half inch wide, through all folds. Carefully unwrap and just lightly stretch the paper strip while wrapping it around the ball, until completely covered. Secure the crepe strip by wrapping it down over a pipe cleaner inserted in the ball for a stem. Dip the wrapped ball in warm paraffin. (Hot wax will melt the styrofoam, leaving you with a soggy mass of crepe paper.) Tuck a whole clove in the end of ball opposite the stem, for a blossom end. Insert the "stem" in a block of clay or styrofoam until completely cooled. If desired, add artificial leaves.

Strawberries can be created using small Easter egg styrofoam shapes and flattening one end by pushing it down against a hard surface. Tiny balls wrapped in purple can be clustered for grapes, orange crepe paper becomes peaches or oranges, and yellow readily creates a pear from a ball sculptured into that shape. Or, some hobby shops may carry fruit-shaped styrofoam figures.



Included in the club displays at the York County homemakers' meeting was this elegant tree, a design of milkweed pods glued to a cardboard shape, sprayed silver and finished with tiny pink and green balls.

Raymond Myers, Elizabethtown R1, has been selected December's Employee of the Month at Plain and Fancy Egg Ranch, Inc., in Elizabethtown. Myers deliveres three truck loads of eggs, daily, gathered at farms from as far away as New Oxford in Adams County, to Plain and Fancy for processing. Here, Myers collects eggs from Mel Nissley (right) who runs a fully automated hen house of 50,000 birds with his father, Clair Nissley, Middletown R1.

Pennsylvania county Extension agents who were winners in the 10th annual Public Information Awards Contest sponsored by the Pennsylvania Association of County Agricultural Agents were honored by Atlantic Breeders Service recently on the University Park Campus. From left: John Z. Shearer, Franklin County, first place winner in the news column and colored slides categories; N. Alan Bair, Lancaster County, first place in the feature news story division; Paul N. Reber, Montgomery County, second place feature story winner; David Yoder, manager of Atlantic Breeders Service; Donald L. Bashore, Mifflin County, newsletter winner; and William R. King, Armstrong County, direct mail winner.

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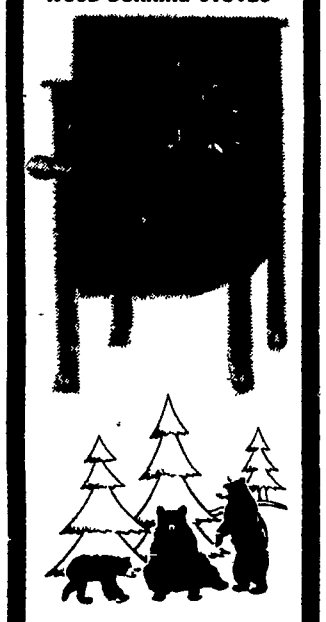

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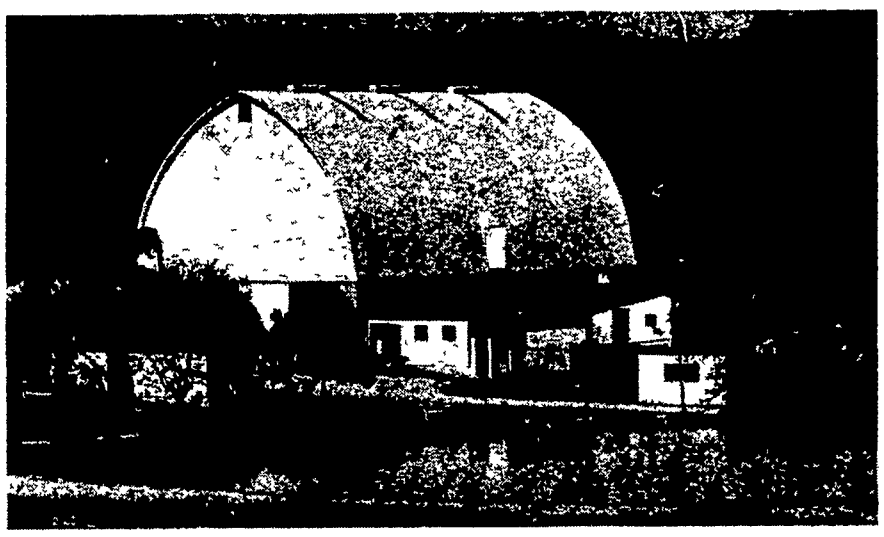

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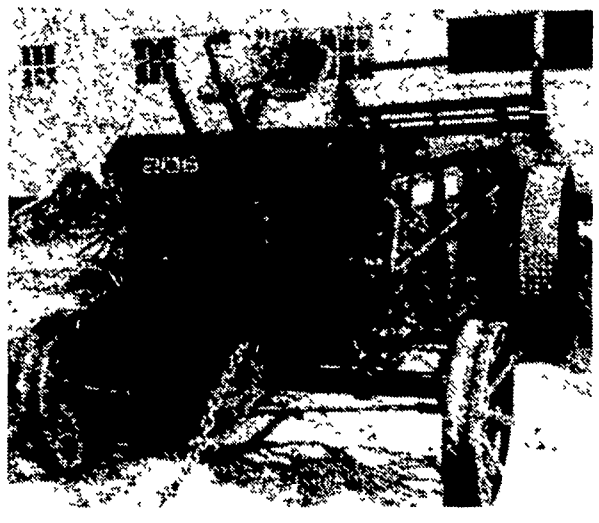

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Lancaster Co. 4-H horse clubs honor members

Honored for their placings in the county state horse show team class were Lori and Donna Sammons, Neffsville, and Sandy Hamilton, Lampeter.

By KENDACE BORRY

LANCASTER – Members of the Lancaster County 4-H horse clubs were recognized for their achievements at the Recognition Banquet held December 3 at the Lancaster Farm and Home Center. The banquet style dinner and program was held to honor those 4-H'ers who had made special achievements throughout the 1977 4-H season.

Plaque awards were given to the youths who placed in the Pa. State 4-H Horse Show, held at the Farm Show Arena in November. Winners included: Sue Baker, Lancaster; Doug Fellanbaum, Lititz R3; Robin Tshudy, Manheim; Pam Sammons, Neffsville; Rick Buckwalter, Denver R1; George Metzler, East Petersburg; Lori and Donna Sammons, both of Neffsville; and Sandy Hamilton, Lampeter.

Also honored for their efforts were the horse judging team, Martha Gregory, Sandy Hamilton, George Metzler, and Kathy Shaffer; and the horse bowl team, Brian and Daphne Immel, Lashon Bussell, and Jenny Weber. Coaches for the teams included Dr. Earl Weber, Robert Gregory, and Carol Henkel.

The 4-H horse clubs in Lancaster County are supported by 22 club leaders and 4-H club advisor, Jay W. Irwin, county agent.

Toastmaster for the evening was Bud Gochenauer, Lititz R3. Over 200 people attended the dinner which was followed by a fellowship hour and record hop.

The following clubs gave out awards to club members for their work and contributions during the 4-H year:

Rough Riders – Outstanding teen leaders, Cindy Peters, Lancaster; Carol Stinson, Strasburg R1; Randy Herr, Drumore R1; Heidi Bailey, Strasburg R1; most improved first year member, Lynn Collis, Strasburg R1; most improved second year member, Kim Schubert, Kirkwood R1; trail ride awards, Carla Melasecca, Kirkwood R1; and Randy Herr; outstanding parent, Judy Schubert, Kirkwood R1; sportmanship Jeff Minnich, Quarryville; and state 4-H horse show entry, Carol Stinson.

Saddle Cinches – Perfect attendance Robin Tshudy, Manheim; sponsorship Julie Shreiner, Manheim R5; most improved first year member, Barbara Karsnitz, Manheim; most improved second year member, Ginny Ruhl, Manheim R4; best demonstration, Kathy Myers, Robin Tshudy, and Lisa Cope, all of Manheim; trail ride, Robin Tshudy, outstanding parents, Mr. and Mrs. Lee Karsnitz, Manheim; and sportmanship, Terri Mummau, Manheim R2.

Broken Bit - Perfect attendance, Dee Dee Rice, Conestoga; high sponsorship, Ricky Buckwalter, Denver R1; best demonstrations, Brian Immel, Lititz R3; Lisa Edsen, Lititz; trail ride, Alida Farrington, Lititz R2; Jon Keller, Blue Ball; outstanding parents, Mr. and Mrs. Terry Sherman, Lancaster; sportsmanship, Leslie Sherman, Lancaster; and state 4-H horse show entry, Daphne Immel, Lititz R3.

Post and Paddock – High Sponsorship, Lenny Matroni, Lancaster; and sportsmanship, Amy Rettew, Lancaster.

Boots and Saddles: Perfect attendance, Lashon Bussell, Manheim R1; Terry Miller, Lancaster; Doug Fallenbaum, Lititz R3; outstanding teen leaders, Sandy Hamilton, Lampeter; Lashon Bussell; high sponsorship, Sandy Hamilton; most improved first year member, Ken Sherlaw, Lancaster; most improved second year member, Eva Sherlaw, Lancaster; best demonstrations Cindy Wenger, Leola; and Doug Fellenbaum; trail ride, Connie Wyble, Strasburg R1; and Karen Eberle, Manheim R1; outstanding parent, Mr. and Mrs. Kenneth Eberle, Manheim R1; and sportsmanship, Sharon Snyder, Lititz R3.

Sequoia Riders – Perfect attendance, Amy Lenker, Hershey; most improved first year member, Elizabeth Fox, Mount Gretna; high sponsorship, Michelle Ressler, Elizabethtown R4; outstanding member in final year, Tiera Ressler, Elizabethtown R4; best demonstration, Amy Lenker, Tiera Ressler, Abby Chase, Mount Gretna; Janine Shank, Elizabethtown; trail

(Continued on Page 63)

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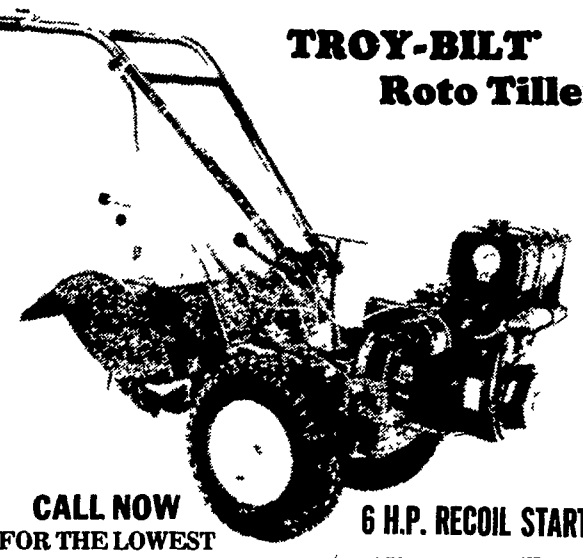

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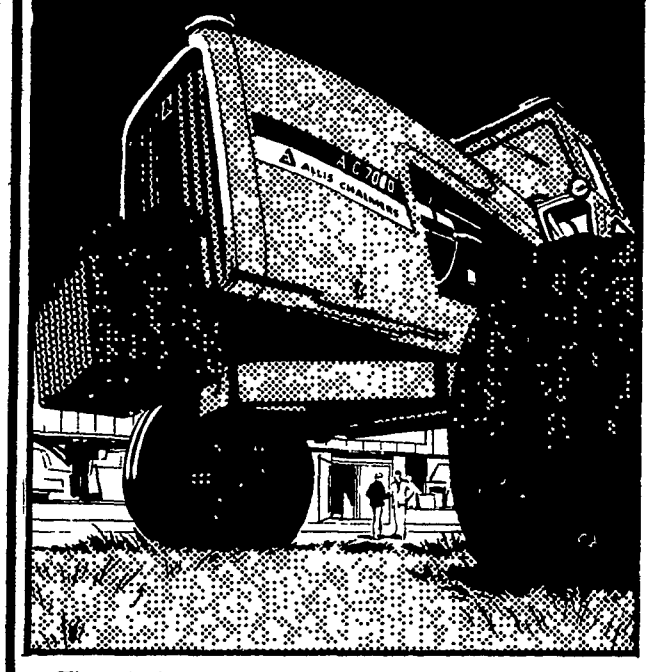

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Calico trees are the shedless firs

If you have a sewing machine, you can stitch up this colorful stuffed Christmas tree.

By JOYCE BUPP
Staff correspondent

YORK – Looking for a Christmas tree that doesn't shed needles all over the place?

Then the Extension Service of York County suggests that perhaps a calico tree is just what you've been looking for. This tabletop deciduous can be constructed in just a few hours, makes a lovely centerpiece or buffet decoration and will brighten your holidays for many years.

To make the three-tiered fabric Christmas tree you will need: 1½ yards of 45-inch calico or other printed fabric, matching thread, scissors, sewing machine, stuffing and the accompanying pattern.

First fold the fabric in half lengthwise, then fold in half lengthwise again, giving you four layers of fabric. Place the pattern on the folded edges. Cut out. Repeat twice, giving you a total of six tree shapes. Sew together two of the tree shapes, right sides of material together, stitching 3/8 inches from the edge using a short stitch. At the base leave an opening for stuffing. Repeat twice. Trim and clip each section at the four points. Turn all three sections right side out, pushing out the points from the inside carefully with a large needle. Steam press.

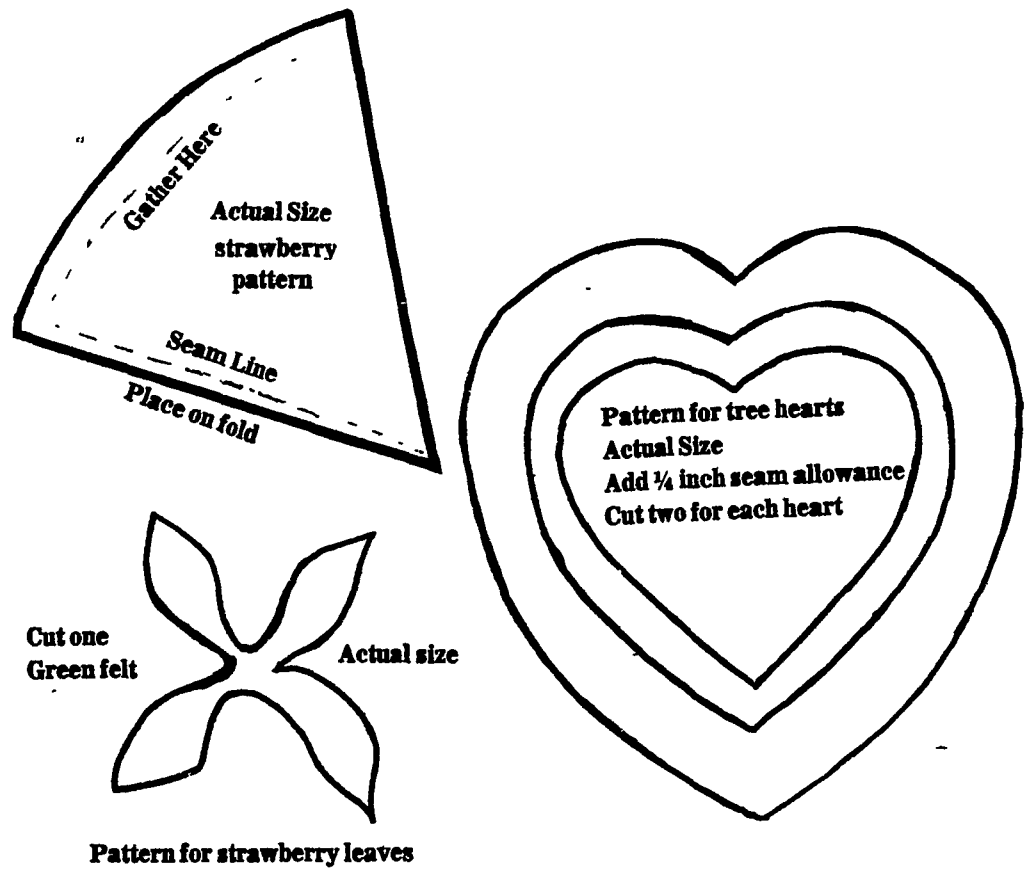
Top stitch ¼ inch from the outside edge, using a longer stitch, on all three sections of the tree. You now have three finished tree shapes. Laying them together, on top of each other, stitch down the center from the top of the tree to the base, again using a shorter stitch. Reinforce the stitching several times. Work stuffing into all points first, then stuff the tree fully. Sew up the base opening by hand. Decorate as desired, using hearts, strawberries, flowers, tiny balls, colorful bows, etc. Top with a star if you like.

Materials needed for the heart, strawberry, and star decorations are: fabric, stuffing, felt or artificial strawberry leaves, needle and thread or sewing machine, white glue for strawberries, and the accompanying patterns.

Hearts: Trace patterns, cut from fabric, seam. Leave opening for stuffing. Turn to right side, clip curves, stitch opening. Attach to tree with pins.

Star: Trace pattern, cut from fabric, seam, leaving opening for stuffing. Turn to right side, clip curves, stuff. Stitch opening. Attach to tree with pin.

Strawberries: Trace pattern, cut from fabric, seam, leaving opening for stuffing. Turn to right side, stuff, gather top and glue leaves to top. Tie bow through gathering string and pin to tree.



Pattern for strawberry leaves

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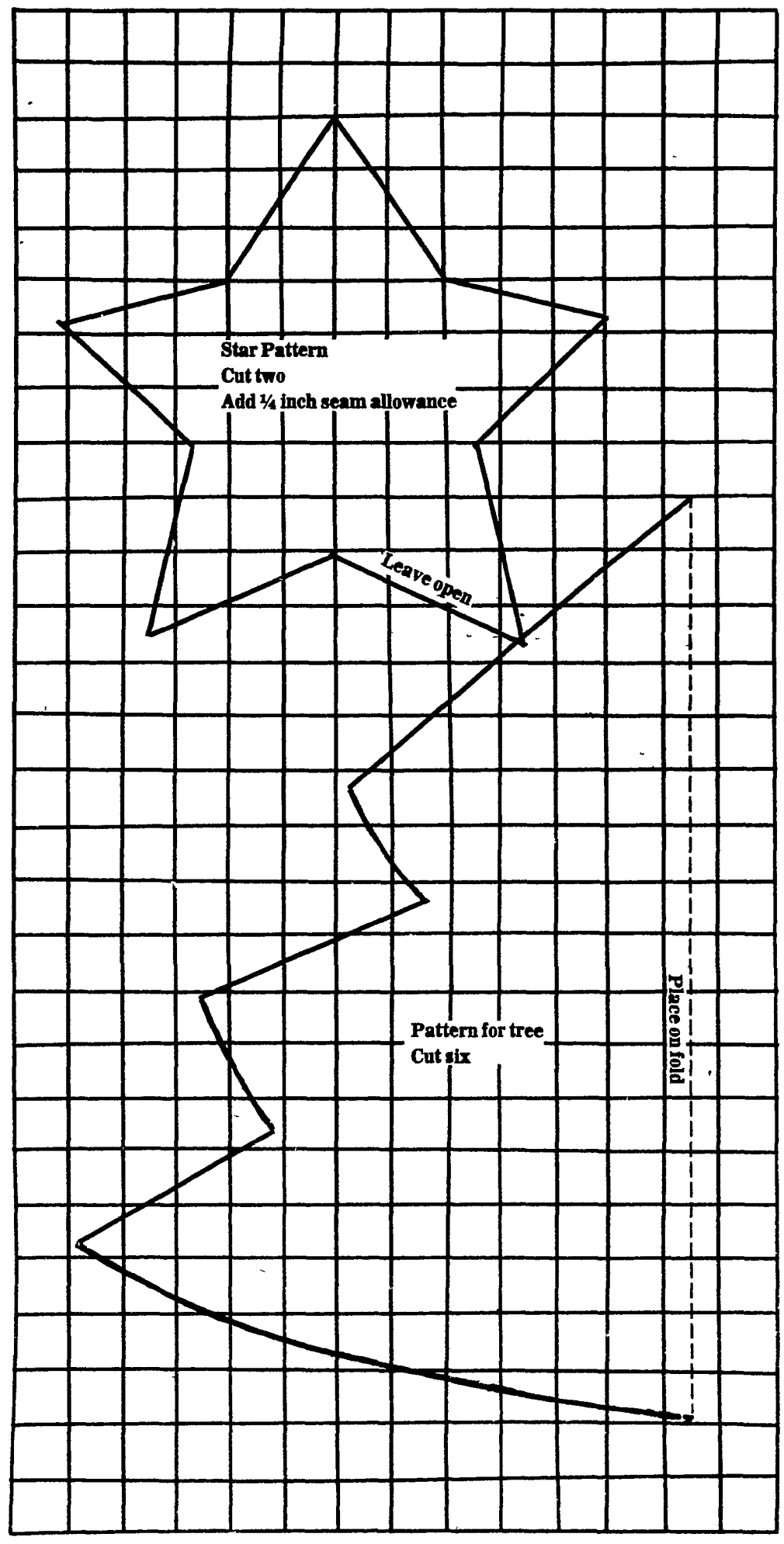

Brooms make adorable dolls

YORK – If you think brooms are only for sweeping, guess again.

Doris Sheffer, representing the Early Risers' homemakers group in York, shared directions for creating a holiday doll decoration during the York County homemakers holiday meeting recently.

Base for the doll is a child's broom, 28-inches long. Push a 3-inch styrofoam ball down over the broom handle, working gently, for the head of the doll. Add two eyes of black felt, round for open eyes, or fringed to look like closed eyelashes. Add one red nose circle of felt.

Cut two circles of either red or green felt, approximately 4½ inches in diameter. Cut a round piece of lightweight cardboard, just slightly smaller than the felt circles. Place the cardboard inside the two felt circles and slip stitch the outsides together. Cut four small slits in the center of the circle, like an "X" and push gently down over handle for a hat for the doll's head.

Add a rectangular piece of felt, cut 12-13" long and fringed for a shawl. Decorate with other materials or ornaments as desired.

Use at the fire place or as a door decoration, mounted on fresh greens.

This broom doll will cheerfully welcome all your holiday guests. A versatile decoration, it might grace your fireplace or be surrounded with greens for a door ornament.

Streamlined method of pine cone wreath making is simple to do and easy on the fingers

Mrs. Virginia Ebbert shows a completed wreath, constructed with her streamlined method of wiring.

By JOANNE SPAHR

LEBANON – Do you love pine cone wreaths but grimace at the thought of pricking your fingers and battering your fingernails while putting them together cone by cone?

If that's the case, Mrs. Virginia Ebbert's method is for you. Mrs. Ebbert, Sinking Spring, an accredited flower judge with the National Council of State Garden Clubs, Inc., has an easier, more streamlined way of putting one of these decorations together. Instead of cone by cone, she strings together as many as 25 cones, lays two rows on a flat wreath frame, wires them together, and is done with the basics in no time.

"Once you catch on to it, it doesn't take long at all," says the 11-year garden club member.

The basic ingredients are No. 22 weight spool wire, a flat wreath frame, and approximately 60 cones.

"Flat wreath frames are sold by wholesale florists," says Mrs. Ebbert, "and, although other frames can pass, if you are able to get a flat frame, I'd get the flat."

To begin the wreath, Mrs. Ebbert suggests laying 25 to 30 cones side by side on a table.

"Then, you size them up, because you must have a pleasing outer perimeter. And, that should be uniform," she instructs.

After the cones are arranged according to size, lay them tightly side by side and begin wiring. To do this, secure the end of the wire tightly around the bottom of the first cone on the left side of the row. When this is done, hold the spool above the first cone as pictured in photo number one accompanying this article, and prepare to start wiring.

Taking the spool to the left, go underneath the first cone, and bring the wire to the top between the second and third cones. Continue this counterclockwise movement, entwining the ends of the

(Continued on Page 63)

Picture No. 1: To begin making a pine cone wreath, line up the cones and wire them in a row, wrapping the wire around the butt ends.

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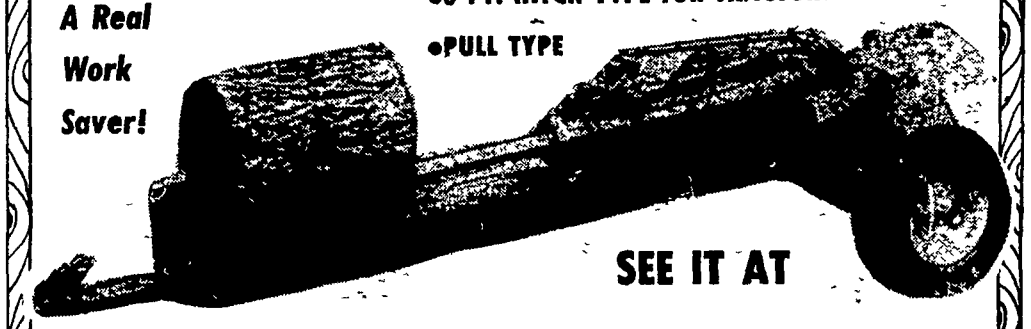

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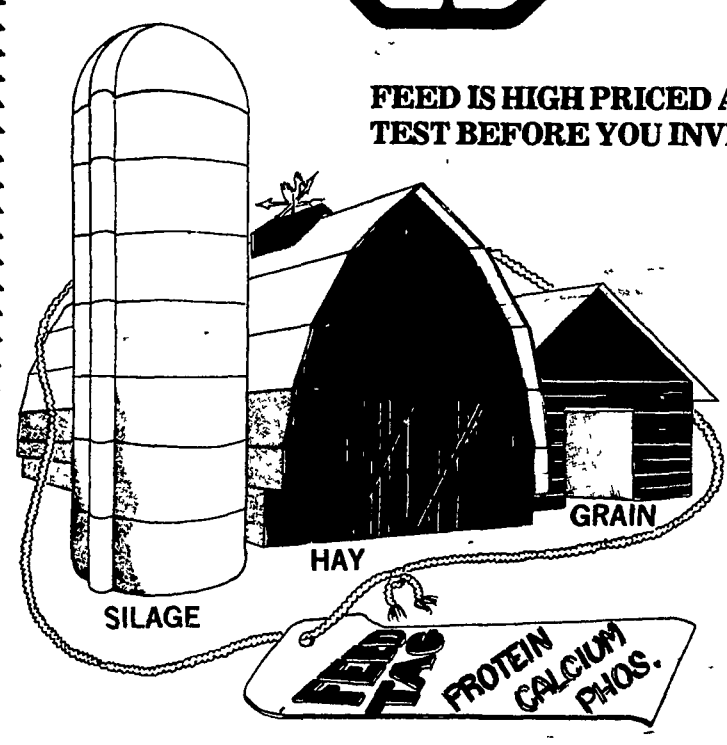

There isn't any way you can feed a balanced ration unless you test your home grown grains and roughages for protein, calcium, and phosphorus.

Then feed according to the nutritional values of your crops, in relation to the nutritionally balanced needs of your livestock.

In this way you will be utilizing your crops to their fullest extent, cutting other unnecessary feed costs and increasing your livestock profits. Agri-King feeding programs put it all together for you.

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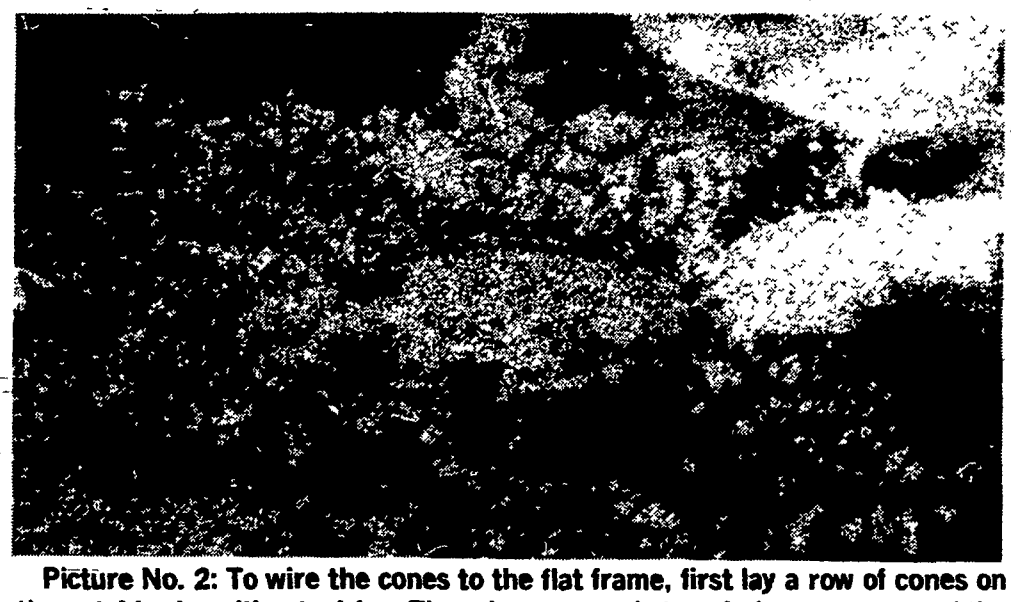

Picture No. 2: To wire the cones to the flat frame, first lay a row of cones on the outside rim without wiring. Then, lay a second strand of cones on top of the perimeter row with the butt ends on the inside rim of the frame. Wire.

Streamlined pine cone wreath

(Continued from Page 62)

cones until all 25 or 30 are fastened together in a row.

"It is imperative to pull the wire snuggly into the petals as you wrap the ends together," says Mrs. Ebbert.

When the two strands of the 25 are strung together, the next step is to wire them to the flat frame. As shown in picture number two, lay one row around the outer rim of the frame. Do not wire.

After that outer row is laid in place, take the second string of cones and place them on top of the outer cones with their butts along the inner rim of the frame.

At this point, the wiring begins. Connect the wire to the inner ring of the frame, and wrap from the underside to the top, over the cones, and down through the petals, connecting both rows of cones at the same time.

Do not be afraid to pull the wire snuggly between the petals as you wrap.

Once the basic wreath is wired to the frame, Mrs. Ebbert suggests trimming it with dried fruit, acorns, yarrow, cockscomb, or anything natural.

"The trim hides any holes you might have in your wreath," she says.

She also suggests adding lights to the wreath, a touch she describes as "very effective."

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State award winners included: (left to right) Doug Fellenbaum, Lititz R3; Robin Tshudy, Manheim; Sue Baker, Lancaster, (in back) Pam Sammons, Neffsville; and Rick Buckwalter, Denver R1.

Horse clubs

(Continued from Page 60)

ride, Lyle Lenker, Hershey; Whitney Kulman, Hershey; and sportsmanship, Mimi Newman, Elizabethtown, R1.

Silver Spurs – Perfect attendance, Sue Baker, Lancaster; Connie Myers, Lancaster; Sheree Myers, Lancaster; teen leaders, Amy Katz, Lancaster; Sherri Myers; high sponsorship, Brian McCall, Columbia R2; most improved first year member, Amy Rockwell, Lancaster; most improved second year member, Denise Sangrey, Conestoga R2; outstanding member in final year, Sue Baker; best demonstrations, Jim Glick, Leola; Phil Young, Lancaster; trail ride, Jim Glick, Beth Robbins; outstanding parent, Mrs. Jean Myers, and Mrs. Patricia Sangrey; and sportsmanship, Curtis Huber.

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For Sale - 4 ft., 4 ft. 8 in., 6 ft., 10 ft. self-spacing concrete hog slats. V.T. Petersheim, Box 315, RD 2, Mifflintown, Pa. 17059.

For Sale - Int. model 234 2 row corn picker with mounts to fit 560 Farmall. 814-355-0862, 383-2782, or 383-2798.

For Sale - N.I. 10-A manure spreader, in new condition. John R. Peachey, Star Route, Belleville, Pa. 17004.

FARM EQUIPMENT

For Sale - M.M. Super 670 diesel W.F. 3 pt., P.S., dual hyd. 540-1000 PTO, new 18.4x34 tires, good condition, $3450. 215-262-4501.

For Sale - John Deere 40 combine, $1700 firm. 717-252-2031.

Wanted - MH 44 diesel tractor, tricycle type with live PTO and Hyd. State condition, tire size & price. Write Box 477 Duram Rd., Still Water, NY 12170.

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For Sale at Public Auction - Mesco 60' wide x 120' long x 10' high pre-engineering steel building to be sold during the course of Wenger's Farm Machinery Inc. Public Auction beginning at 9:30 a.m. Monday, Dec. 19, 1977 at South Race Street, Myerstown, Pa. 17067.

For Sale - Corn head for Gleaner F or K, model 335, 1 yr. old. 609-859-2009 eves.

1974 Ford 340 Bobcat loader $3500.00; Owatonna 1000 Bobcat $3500.00; Melrose 500 Bobcat $2500.00; IHC 3200A Bobcat $2500.00; John Deere 440A log skidder $8500.00; Timberjack log skidder $5500.00; Tree Farmer log skidder $5975.00; John Deere 1010 diesel dozer, winch $3975.00; 1969 IHC with John Deere log loader $8500.00. Others, call 814-793-2829.
CURRY SUPPLY
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For Sale - GB Minneapolis tractor, MD Int. tractor, TD 14 bull dozer. Daniel Cole, Marydel, Md. Ph: 301-482-8452.

For Sale - JD 3020D P/S, roll guard, canopy, twin outlets, like new with 375 hrs. 609-859-2009 eves.

For Sale - JD 55 combine, 13' pickup reel, chopper cab, heater control, very good. 201-828-2309.

For Sale - 1968 CO 1600 International Load Star truck, 21,000, PS, 2 spd., engine like new. Ph: 717-898-8158.

For Sale - 1974 Oliver diesel, 4 wheel drive, 1365 with loader, 2 buckets, 55 h.p., 1104 hrs. Asking $7600. 717-998-8181.

Manure Spreaders - Rebuilt NI traction drive spreader, $695; rebuilt 240 bu. NI manure spreader, $1525; new spreaders. Dewald & Lengle, Rt. 443, Friedensburg, Pa. (between Pine Grove and Schuylkill Haven) 717-739-2100.

For Sale - Backhoe to fit any 3 pt. hitch tractor, used very little. Ph. 609-298-3342.

For Sale - JD 346 wire baler, late model, PTO, super sweep pickup, multiluber, excellent condition. Ph. 609-298-3342.

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Wanted - 101 Int. ground driven manure spreader in good condition. Benuel S. Fisher, Box 419AA, RD 2, Myerstown, Pa. 17067.

FARM EQUIPMENT

For Sale - Good two horse bob sleigh, pony sleigh, two horse carriage pole, also steel wheels for Ford or M.F. Aaron H. Zimmerman, RD 1, New Holland, Pa. 17557 between New Holland and Hinkletown.

For Sale - Int. Hydro 100 with year round cab, 2 sets rear wheel weights, new Feb. 1976, 460 hrs. - $16,250. - good tax deduction. 717-263-0945.

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For Sale - AC 4-14 semi-mounted trip bottom plow, excellent condition. 215-794-8368 or 794-8471.

For Sale - 2250 gal. liquid manure spreader with rear fan and agitator. Built by Erlanda Farm Machine Shop. Will be sold at David Good's Sale Dec. 17. 717-285-3377.

John Deere 630, 3 pt. PS, 620 PS, 2010 gas PS, LA with attachments; Oliver 1850 diesel, 660; M.F. 35 special Loader Backhoe with 3 pt. and PTO, 150 gas, 35, 30 and 20; Farmall 560 diesel, H, (4) Cubs with attachments; Ford 8000, 6000 Commander, 5000 (new), 5200, 5000, 4000, 3600, 3000 w/snow plow, 841, 8N, 9N, 651 and Loader, 901 w/2-row mounted corn picker, 960 w/2-row mounted corn picker; New Idea #10 Picker.
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For Sale - Two used 16' Jamesway silo unloaders with 5 hp motors; one used 14' Clay silo unloader with 5 hp motor; one used 14' Jamesway silo unloader with 5 hp motor. Ph: 717-687-6672.

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FARM EQUIPMENT

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For Sale - IHC 3200A skid loader $2500.00, Bobcat 500 loader $2500.00, Owatoona 1000 $3500.00, Treefarmer c-5 log skidder $5775.00, Timberjack skidder $5975.00, 1974 Case 800 log skidder $12,500.00, others. John Deere 420, dozer, winch $2750.00. Call 814-793-2829.
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For Sale - NI manure spreader, model #206, LeRoy B. Esh, RD 1, Ronks, Pa. 717-768-3681.

For Sale - #83 Owatonna grinder mixer with or without molasses pump. Also 500 gal. molasses tank. Ph: 717-733-6128.

For Sale - J.D. 801 3 point hitch, $300. 215-682-6445.

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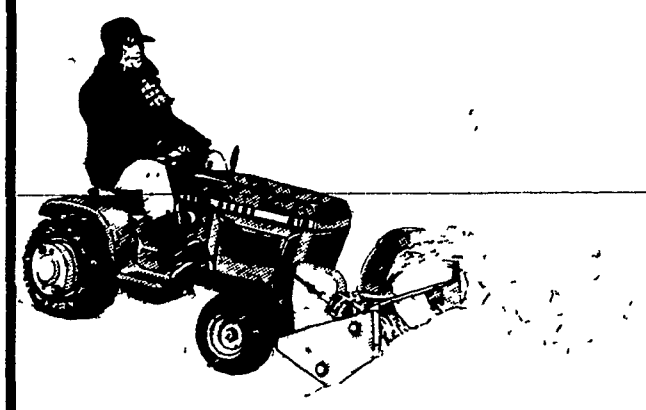

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GANDY | HOMELITE
LAWN BOY | LELY
YAN-MAR

USED TRACTORS & IMPLEMENTS SOLD WITH THEM

No Finance Charges 'til 1 March 1978

J D. 7020 4 whl. drive
J D 5020 w/Cab
J.D. 4020
J.D. 3020
J.D. 830 Sold
J D 820
J D 420

USED COMBINES
No Finance Charges 'til 1 June 1978
A C. Cll Dsl. w/14' Platform Sold
and 4 Row Narrow Corn Head
J D 55 w/13' Platform.
A C 4 Row Narrow Corn Head

USED PLANTERS
No Finance Charges 'til 1 March 1978
(4) J.D 1380-6 Row One w/Fertilizer
J D 695 - 6 row
J D 494A - 4 row Sold
(2) IHC 400 - 6 row Cycle

USED HAY TOOLS
No Finance Charges 'til 1 April 1978
J D 16A Flail Chopper

TILLAGE TOOLS
J D F125 3-14" 3 pt plow
J D 230 21'4" Hyd Wing Fold
J D 220 18'6" Center Fold
J D BWA 12'
J D KBA, Pull Type
A C 12' W C.

MISCELLANEOUS
J D 54 Manure Spreader
J.D 965 Wagon w/Flatbed
J D 963 Wagon w/Flatbed
Donahue 32' Implement Trailer
Used Brillion 9' Offset Rotary Cutter

If you are looking for NEW JOHN DEERE EQUIPMENT—

CFH, Inc.
East Main Street
Coalton Md 21518
301 275 2195

FARM EQUIPMENT

(1) Big Mac Mighty Mac Loader w/Backhoe
(1) Bobcat Loader
(2) Used 327 N.H. Spreaders, Good Shape
Used 930 Case Tractor

PAUL SHOVER'S INC.
35 East Willow Street
Carlisle, Pa.
717-243-2686

JOHN DEERE

JD 4230 w/QR, Ex. Cond.
JD 4020 WF
JD 4020 WF
JD 4020 NF
JD 4020 Side Console WF w/cab
JD 4020, Powershift, Side Console, WF
JD 2510
JD 2010 Diesel
JD 620
JD 520 WF
JD 60
(2) JD 112 Lawn & Garden Tractor
JD 4400 Combine w/4R cr. hd. & platform
JD 3800 Chopper w/2 row corn hd.
Fox Chopper
JD 24T Baler w/thrower
JD 24T Baler w/thrower
JD 24T Baler
NH 69 Baler w/thrower
(4) Used Chuck Wagons
JD 1240 Plateless Corn Planter
JD 290 Corn Planter
JD FB Grain Drill
JD Pull Type Chisel Plow
JD 5-B Auto., Reset Plow

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

NEW IDEA FARM EQUIPMENT

USED EQUIP.

NI No. 10 1-Row Picker
NI 311 2 Row Pull Type Picker
AC D-19 Tractor
AC 5040 Tractor
AC 175 Tractor
AC D-14 Tractor
Farmall M
JD MT Tractor
8 Used Manure Spreaders
F Gleaner w. 13 ft. Grain head & 440 corn head

HYDROMAC SKID LOADERS
• 8C & 12C
IN STOCK

NEW TRACTORS

AC 7000 with cab
AC 7000 without cab
AC 7040 power shift
AC 185
AC 5050

Waiver til Mar. 1, 1978 on New AC Tractors

NEW EQUIPMENT

AC F2 Combine
NI manure spreaders
NI 707 Uni-Harvester
NI Cutditioners

NEW 1 & 2 ROW CORN PICKERS & SUPER SHELLER IN STOCK!

ALLIS-CHALMERS

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, Pa.
215-488-1025
H. Daniel Wenger, Prop

FARM EQUIPMENT

Hitch up to Massey. MF Massey Ferguson

USED EQUIPMENT
Int. 656 tractor
MF 65 diesel tractor
Gehl 120 grinder-mixer
Gehl 115 grinder-mixer
Papec grinder-mixer
NI Model 325 Picker Sheller
Leyland 154 Diesel
Gehl 2500 Skid Loader
MF 300 Dsl. Combine

LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: 717-866-7518

The proof is in the wood

Unadilla Silos
Going strong for more than 70 years

UNADILLA SILO
SALES & SERVICE

- Silos for High Moisture Corn
- Silage Spreaders
- Permanent Blower Pipe
- Goose Neck Repair Liners
- Plastic Silo Chute Liners
- Forge Funnel Chute System
- Silo Roofing

Write
DANIEL S. STOLTZFUS
Narvon RD#2, Pa. 17555
Ph: 717-354-4374

JOHN DEERE

NEW TRACTORS
John Deere 2640
John Deere 4430
John Deere 4440

USED TRACTORS
Allis Chalmers C
Farmall H
Farmall M
Farmall MD
John Deere A
John Deere B
John Deere H
John Deere MT
John Deere 50
John Deere 520
John Deere 720 D
John Deere 1520
John Deere 2010 D & G
John Deere 2630
Massey Harris 30
Massey Ferguson 65 Gas w/Loader & Hyd. Mower
Massey Ferguson 65 D

USED PULVERIZERS
Brady 608
Brady 606 TC
Brady 80 TC
Brady B144
John Deere 15A
John Deere 16A
N.H. 33
Speedy 80

USED SPREADERS
John Deere 33
John Deere 44
N.H. 346

MILLER'S SALES & SERVICE, INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

FOR SALE AT DEALERS COST
(We will show you the invoices)

Kasten super 121 forage blower, 3 bottom & 4 bottom kingskilde plows

Farendlofe hay tedder (spider type)

Phone: 717-746-3440

ERB & HENRY EQUIP. INC.
New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

FARM EQUIPMENT

*PARTS & SERVICE
*DeLAVAL DAIRY EQUIP.
*JAMESWAY
*FLICKES SILO
*FMC, *BEAN — SPRAY EQUIP.

USED TRACTORS & EQUIPMENT
JD 3020 Diesel with roll guard (side console)
Ford 5000 8 speed Diesel
Deutz Model D6006, with less than 1000 hours
Ford 850 gas; sharp
JD 2510 SOLD el, wide front and late engine
Farmall 560 gas
Gehl MX95 Mixer-Grinder
IH 674 Diesel, nice

DEALER INQUIRIES WELCOMED
CLOSED SUNDAYS

Norm Shores Tractor Sales
R.D. 5
Towanda, PA 18848
717-265-9014

NEW TRACTORS
White 2-155
White 2-105 w/cab
White 2-85
White 2-60

NEW EQUIPMENT
New Idea 708 Uni-System w/729A Sheller

USED EQUIPMENT
MM G 1000 Diesel Tractor
MM 5 Star Diesel Tractor
MM U Tractor
MM U302 Tractor
Case 511 Tractor
JD 40 Tractor w/cultivators
NI 730 4-row Corn Head
NI 705 Diesel Power Unit
NI 701 Uni-System w/2-row Picker
NI 705 Uni-System w/Super Chopper
AC Gleaner E w/3-row N & 11' grain head
Fox Flail Head
Hesston 520 Windrower, hyd. w/10' head
(2) Hesston 30 Stakhands
Artsway 425C Mixer Mill
Bearcat PTO Roller Mill
NH 283 Baler w/thrower 1 yr. old.
JD 20' BW Disc Harrow
Kewanee 40' Elevator
Sunflower 18' folding wing Chisel Plow
JD 54 Manure Spreader

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-5280

FARM EQUIPMENT

SPERRY NEW HOLLAND

USED EQUIPMENT

A.C. 5-B Auto reset Plow
A.C. 14 ft. Transport Disc
IHC 37 Baler
J.D. 214 W Baler
N.H. 469 Haybine
N.H. 717 Harvester w-corn head
Gleaner A Combine
John Deere Grinder-Mixer

USED TRACTORS

A.C. C w/Plow & Cultivators
Ford 3400 w/Loader

NEW EQUIPMENT

NEW HOLLAND MANURE SPREADERS

A.C. 4-R Rolling Cultivator
A.C. 4-R Regular Cultivator
N.H. L-35 Skid Loader
10 ft. Miller Disk
A.C. Gleaner Combine Model M2

NEW TRACTORS

A.C. 7040
A.C. 7000
A.C. 185

NEW YANMAR 2 Cyl. Diesel Tractors In Stock

BHM FARM EQUIPMENT INC.
RD1 Annville, Pa
717-867-2211

Used 1972 AC 190XT Tractor, 2600 hrs. $8900.
Used IH M Tractor w-power kit
Used 1971 New Idea Uni System w/combine, sheller, 11' grain head, 4-row corn head, ex. cond.
IHC Model 303 Combine, 13' Grain head, 2-row Corn Head
(New) Model L or M 13 ft. Grain Header

Available NOW At Clearance Prices New, New Idea Corn Pickers (Leftovers)

Used A.C. 5B Hyd. Reset Plow
Used 1976 Gleaner "KKS" combine w/130 hrs., 12' grain head, cab, grain saver.
Used 1970 Model K Combine w/10' Grain & 2-row Corn Heads
AC 904 windrower $1,200,00.
Used GT Model 570 Grain Dryer

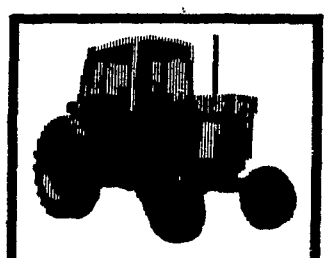
USED 1 YEAR AC 20 FT. HEAVY DUTY DISC HARROW MUST SELL!! CALL NOW!!

CALL NOW FOR SPECIAL PRICE ON NEW A.C. NO TIL CORN PLANTERS Deferral Until April 1, 1978

Sunflower Disc Harrows

ALLIS-CHALMERS
McCALEB'S OAKALOT
758 3915 Herndon

FARM EQUIPMENT



NEW TRACTORS IN STOCK

Farmall 1086 with air, 20.8-38 tires
Farmall 886 (rops)
Farmall 686
674 D
574 D
464 gas & diesel
364 D

NEW EQUIPMENT

IH 16x7 Grain Drill
IH 13x7 Grain Drill
IH 110 Forage Wagons
Woods Rotary Mowers in stock
Int. 510 5-bottom plow

USED EQUIPMENT

Oliver 361 plow
Int. Farmall cub w/mower & attach.
Int. 544 gas w/2000 loader.

SPECIAL 185 Cub Lowboy demonstrator

Waiver of Finance On New Equipment

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

MF Massey Ferguson

NEW EQUIPMENT

MF 750 Combine Hydro
MF 510 Combine, 3 speed
MF 2800 Tractor
MF 1155 w/duals, multipower and air, loaded.
MF 1105 multipower cab, 285 hp.
MF 275 Tractor
MF 255 Tractor
MF 245 Tractor

SPECIALS MF 15 GRINDER-MIXER $3,300.00

ALL ABOVE NEW EQUIPMENT Available Immediatly

130 Manure Spreader Ext. Sides Triple Beater $1500

USED EQUIPMENT

MF 135 Gas Tractor
MF 85 Tractor w/loader
MF 65 Gas
MF 33 Tractor w/sickle bar mower
Ford Jubilee w/loader
IHC Super C w/plow and cultivator
NH 1010 Stacker
NH 1469 Haybine
MH 82 Combine w/22 corn head
JD 40 2 row corn head

SPECIALS OF THE WEEK MF 65 w/2-row Corn Picker $2,800.00

ABRACZINSKA'S FARM EQUIPMENT, INC.
R.D. 1
Catawissa, Penna.
Ph: 717-356-7409
(south on Route 42)

FARM EQUIPMENT

NEW MACHINERY IN STOCK

MC Rotary Scythe
MC Chopper
157 Hawk Bilt Spreader

7 Ft. Hi Clearance Mohawk Chisel Plow $770.00

Howard V-Chisel
Kasten 217 Bu. Spreader
Landoll Chisel Plow

Landoll Soil Master 7 Tooth 9 ft. 7 in. $3710.00

Danuser Digger
Pipe Frame Bale Elevator
Vicon Disc Mowers
Vicon Fertilizer Spreaders
Taylor Disc Harrows, Tractor or Horse Drawn

One Horse Drawn Disk left at old price $665.00

Custom built Manure Elevators.
Tile for Cow Troughs (seconds).
Reddy Heaters.

ZOOK'S FARM STORE
Box 222 RD2
Honey Brook, Pa.
19344

IH

USED EQUIPMENT

SPECIALS
- HYDRO 70D
- F756D
- F966D
- F1066D

TRACTORS:
Farmall Super C. w. cultivator
F 70 Hydro
JD 60
F300
13200A
F966D
Farmall H

TILLAGE:
IH 12½' 45 Vibra Shank
JD Offset Disk
IH 412 Plow
IH 620 2-way Plow
IH 60 Plow
MF 3 F Plow
IH 311 Plows
IH 312 Plow
JD KBA Disk
IH 540 Plow
IH 411 Plow
IH 510 Plow
JD 12' S T Harrow
BC 13 Pulverizer
IH 401 S T. 8'

PLANTING & SEEDING:
Ont 13x7 Drill
JD 17x7 Drill
Lime & Fert Drills
Ont 16x7 Drill
IH 56 Planter, 4R
IH 58 Planter, 6R

CROP HARVESTING:
JD 18 Picker
IH 24 Picker
IH 350 Forage Harvester
IH 91 Combine
JD 5 Mower
IH 815 Combine w/Heads
NH Auto Bale Wagon
IH 550 Forage Harv w/2 Hds.
Fox Forage Harv. with 2 Heads
IH 42 Blower
IH 1290 Mower Cond
IH 50 FH with Eng
Table Blowers

MISCELLANEOUS:
Starline LH Spreader
IH 1701 Loader
IH 275 Spreader

SWOPE & BASHORE, Inc.
Frystown, RD1
Myerstown, PA 17067
717-933-4138

FARM EQUIPMENT

DEUTZ

Used D10006 Deutz, cab w/air $11,750.
E-3 Co-op Tractor $725.
Used 2 row J.D. Harvester $1500.
New Hesston 7020 F Harvester w/2 row C.H.
Used A.C. Power Unit D-262 diesel w/clutch fuel tank. Cold start system.
New Deutz F2L-912 diesel engines 20-32 H.P. electric start.
New & Used Deutz diesel engines at special prices. Call for details.
Rebuilt F1L-712 Deutz diesel, 10 H.P. @ 1800 RPM. Warranty w/T.D. Clutch $985.
Used Deutz V-8 diesel w/clutch 132 H.P. @ 1800 RPM $2250.
Used Deutz F4L-812 diesel w/clutch 40-52 H.P. $1875.
Crankcase heaters for Deutz engines & tractors 500W $25.

STAUFFER DIESEL, INC.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

FIELD QUEEN

Division of Hesston Corporation
FACTORY DIRECT SALES - PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet
"The Best of the West Now in the East"
1977 Sales - 18
CHECK OUR LATE MODEL TRADE INS:

USED FIELD QUEENS AVAILABLE

PRE-FALL HARVESTER SALE

1973 JD 3800, pull type $3010.00
1975 JD 3800, pull type $4524.00
1974 JD 38, pull type $2250.00
1974 New Holland 770 Harvester, pull type, 2-row narrow corn head and pickup
2000-150 Hesston pull type Harvester, 3-row narrow corn head and pickup
N.H. 1880 Self Propelled Hydrostatic Drive 2-row wide Corn Head, very good shape.

All Harvester Sales include 2-row corn head and pickup. Some units have electric rebevel grinder.

Used 1974 Field Queen Side Dump
(3) A.C. 3-row narrow snapper heads
(2) Field Queen 16' steel truck boxes $2250.00 List for $3750.00
1974 Oliver Tractor Model 1555 Diesel, 2300 hrs., wide adj. front axle, PTO, 3 pt. hitch, new tires, 6 speed trans., power steering (below book price)

FIELD QUEEN
1190 Enterprise Road
East Petersburg, PA
Lancaster Co. 17520
Call Frank Walters
717-392-7795
or Res. 717-733-3665

FARM EQUIPMENT

FARM & INDUSTRIAL EQUIPMENT

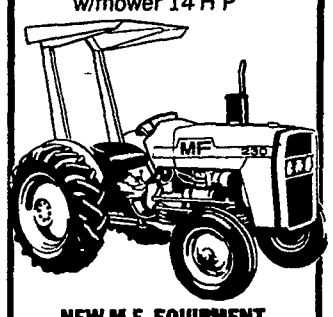
Tractors: Ford, Oliver, JD, AC, Moline, Farmall, Case, MF, Deutz, David Brown.
Plows, disc harrows, chisel plows, Howard rotovators, stone pickers, wood chippers, tank spreaders, cultimulchers, Brillion packer seeders, NI cutditioners, elevators, flail choppers, rolo mills, Kools hopper blowers, Oliver hi-moisture corn grinders, seed grinder mixers, skid steer loaders, fork lifts, trenchers, 4 WD hay loaders, snow blowers, plows and blades, Crawler tractors.
Hundreds of farm tractors and lots of equipment not listed.

CLYDE E. KEENER
Intersection of Rts. 72 & 283
Lancaster, Pa. 17601
Phone 717-569-9861

MF Massey Ferguson

TRACTORS & EQUIPMENT

Brillion 7' 3 pt Chisel Plow
Brillion Landscape Rake
Brillion 12' Field Cultivator, pull type
Brillion Pulverizers, 10', 11' & 13'8"
A.C. 190 Dsl. Tractor w/4B-16 Plow
A.C. D-19 Dsl. Tractor
IHC 2500 A Tractor
Ford 4000 Tractor, 4 speed
NH S676 Spreader w/hyd end gate
NH 36 Crop Chopper
NH 717 Forage Harvester w/corn head
NH Wagon Chassis
NH Super 55 Rake
NH 354 Mixer-Grinder
NH 315 Baler w/thrower
Woods RM90 & C80 Mowers
IH 550 Spreader
IH 51 Crop Carrier
NI 9' Mow/ditioner
JD #35 Harvester w/2-row N corn head & pickup
Ariens Lawn Tractor w/mower 14 H P



NEW M.F. EQUIPMENT

MF 750 diesel Combine w/14' table
MF 68 Rotary Cutter
MF 129 Chisel Plow
MF 160 Spreader
MF 110 Spreader
MF 880 4B-16" Plow
MF 253 Tiller 3 HP
MF 620 Disc Harrow 19 ft
MF 620 Disc Harrow 14 ft
MF 25 Disc Harrow 6½'
MF 25 Disc Harrow 8'
MF #5 4 ton Wagon
MF 22 Baler Thrower
MF #39 Corn Planter
MF 44 Corn Head
MF 50C Tractor w/MF 300A loader & MF 54A backhoe
MF 40B diesel Tractor w/34A loader & cab
MF 230 diesel Tractor
MF 1200 Lawn Tractor w/mower
MF 30B diesel Tractor w/loader & cab
MF 245 diesel Tractor

S.G. LEWIS & SON, INC.
R.D. 2 Box 66
West Grove, PA
215-869-2214

FARM EQUIPMENT

KERMIT K. KISTLER INC.
Rt. 143
Lynnport, PA 18061
215-298-3270

BUY EARLY AND SAVE $$$$$

USED TRACTORS -
- JD G • JD 730 D
- JD 4020

NEW HOLLAND -
- 461 & 469 Haybines
- 68 Baler with thrower
- 277 Baler with thrower

ALLIS CHALMERS -
- 303 Baler with thrower

JOHN DEERE SPERRY NEW HOLLAND

WHITE Farm Equipment

NEW TRACTORS

White 2-50 Diesel Utility
White 2-50 Diesel Utility w/GB666 Manure Loader
White 2-70 Diesel w/ROPS
White 2-85 Diesel Cab & Air, 18.4x38 Tires
White 2-105 Diesel w/18.4x38 Tires
White 2-105 Diesel Cab & Air 20.8x34 Tires
White 2-135 Diesel Cab & Air 20.8x38 Tires
White 2-155 Diesel Cab & Air 20.8x38 Tires

NEW HAWK BILT TANK MANURE SPREADERS MODELS 157 & 187 IN STOCK

NEW EQUIPMENT

White 251 Disc 9'3"
White 252 Disc 12'8"
White 253 Disc 13'7"
White 263 Disc 12'2"
White 348 Plow 3B 18" SAR
White 508 Plow 3B 18" CT Semi-Mtd.
White 508 Plow 3B 18" SAR Semi-Mtd.
White 508 Plow 4B 18" SAR Semi-Mtd.
White 588 Plow 5B 18" SAR Semi-Mtd.
White 5400 4R Aire Corn Planter
White 5400 6R Aire Corn Planter

4 NEW BUSH HOG DISC HARROWS 9' to 14' MODELS IN STOCK

USED EQUIPMENT

Oliver 550 Gas Tractor
Oliver 1650 Gas Tractor
Oliver 1755 Dsl. Tractor
Free Waiver of Interest Till March 31, 1978

Oliver 565 Plow 4B 16" CT Semi-Mtd. New Bottoms. $1650.00.
Oliver 365 Plow 4B 16" CT 3 pt. Mtd. New Bottoms. $1200.00.
Oliver 361 Plow 3B 16" CT 3 pt. Mtd. New Bottoms. $1,000.00.
Brady 722 Flail Chopper
Oliver 5 Corn Picker

FARMERSVILLE EQUIPMENT, INC.
RD4, Ephrata, PA
717-354-4271
Store Hours:
Daily 7:30 - 5:30
Sat. 7:30 - 3:00

USED TRACTORS
(3) JD 4020 Diesel
(3) ~~(2)~~ JD 3020 Diesel
JD 3010 Diesel
JD 50
JDA
Farmall 706 Gas
Farmall 656 Diesel
Farmall 460
Massey Ferguson 165 Diesel
Allis Chalmers C
New Fertilizer Spreaders
New Wagon Gears, 8 & 10 Ton
New Rotary Cutters

SAYLER'S FARM SERVICE
Garrett, PA 15542
814-634-5034

USED EQUIPMENT
JD 830 tractor
JD 60 tractor
JD 420 tractor
Farmall H tractor
NI 2-row picker sheller
JD 13x7 FB-B grain drill
JD 17x7 FB-B grain drill
JD F-350 5 bottom plow
JD 16 A chopper

SPECIAL OF THE MONTH
New JD 700 Grinder Mixer

PIKEVILLE EQUIPMENT INC.
R.D. 2
Oley, PA
Phone: 215-987-6277
Serving the Oley Valley 41 Years.

FARM EQUIPMENT

FOR SALE
New Oliver white parts
4 16" plow bottoms
10 new and rebuilt alternators and generators
Short block Oliver 1800
6 break bands OC 4
10 plow beams - all sizes
1 23.1x34 rear tractor tire
Truck and tractor chains - all sizes in stock

EAGLE MACHINE CO.
Rt. 100, Eagle, PA
215-458-5326

COMBINES - (5)(Used 1 owner) local owned 1976 J.D. 6600 Hydra. w/both heads, 1975 J.D. 4400 diesel used 600 hrs., 1974 J.D. 4400 diesel. 1973 J.D. 4400 diesel w/443 corn head, M.F. 300 w/cab quik tach 3 row 30" corn head. J.D. (New) 4400D fully equipped. (Used) 6600D cab, (Used) 7700D Hydrostat, 7700D gear w-2 heads, 105 corn Special D w-cab & 2 heads, 95, 45, 40 Square backs. White 8800D w/grain & 4-row corn. Gleaner L diesel w-2 heads. G w-2 heads, CII, F w-2 heads, E w-10 ft. grain. Int. 915D fully equip., w/grain & corn head. Massey Ferguson 510 D Hydrostatic w/-quick tach heads, 510D gear quick tach both heads. 1975 J.D. 6600 diesel w/grain & corn (SOLD).

Older 300, 410, 82 w-cab. N.I. 701 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Case 1660 w/cab, grain & 4 row corn head. N.I. 702 Uni w/cab, 729A sheller & 4 row 30" corn head, N.I. 702 Uni w/cab, chopper 3 row 30" corn head. N.I. Uni #726 husking bed.

FARMALLS (Brand New) 986 w/cab, air diff.-lock (Special) ... $18,900. (SOLD), (New) 1586 cab & air $25,400., (New) 1566 w/cab air & factory duals $23,500. (New) 966 w/cab. (Used) 1066 gear, 1066 Hydro, 966 w/cab, 766, 1456, 1206, 856, 806, 706, 560, 1206 w/four whl. drive. Super M, 656 hydrostatic diesel, 656 hydrostatic gas, 1206 no 3 pt., Int. TD 6 w/blade.

JOHN DEERE (New) 4440, power shift $24,600., (New) 4430 cab air $22,800. (New) 4640, 2840, (New) 4230 cab air Quad Range, 4230 Quad Range w/rollguard, (New) 4430 cab air Quad Range, (Used) 4430 cab air power shift used 900 hrs., (Used) 4630 cab air power shift used 300 hrs., 4630 Singro Range, 4630 power shift 190 hrs., 4030 cab & air (SOLD), 4620 w/rollguard, (1967) 4020 power shift, 730D, 720D, (New) J.D. 4030 Quad Range w/roll guard. (Used) 4230's, 4620 w/cab, 5020, (2) 1967 & 1968 - 4020's 3020, 4010, 2510, 5020 tractor puller.

CASE 1370 cab, Power Shift (SOLD), Case (New) 1070 cab airpower shift priced for $17,500., (Used) 970 power shift w/roll guard, Case 900D w/pulley, 1200 4 whl. drive w/front blade. Case 930 (SOLD), M.M.G. 900, White (New) 2-85, 2-105. Oliver 1855, 2150, 2050, 1850, 1800, 1750, 1650. Oliver 1650D w-4 whl. drive. Oliver 2255 w/cab used 1000 hrs. Oliver 2255 w-650 hrs.

MASSEY FERGUSON 1155 w-cab used 300 hrs., M.F. 1130, 1080, 180 diesel, A.C. 7050 cab & duals, XT190, D19 diesel, D17 series IV w/3 point. Ford (New) 9600 w/cab & air duals used 30 hrs. (SOLD), (Used) Ford 8000 w/cab air & duals (SOLD), 6000 Commander w-18 x 34 tires, Ford 8000 no cab.

CORN HEADS - John Deere 443, 843, 643, 444, 343, 244, 435, 434, 335, 235, 234, Massey Ferguson 44, 43, 24, 222, for 300 & 82, Gleaner F335, A330, Int. 763 six row, 227, 3 row J.D. model 313 for 55 combine (like new). Case 402. (40) corn heads to pick from on our lot.

BALERS - N.H. (Used) 278 fully equipped, Int. 440 w/thrower $2000.

CORN PICKERS - (1)(New) N.I. 2 row 38" pull picker w/12 roll bed list price $7,750. our price $6,650. (2) (Used) narrow row w/8 & 12 roll beds, 2 nice (Used) 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers. J.D. 237 also sheller. (New) N.H. 256 rakes for $1275.

HARVESTERS - N.H. 718 w/2-row 30" corn head, like new; Fox 3 row 30" corn heads, J.D. 38 w/2 row head, 34 N.H. Super 717.

HAYBINES - (New) N.H. 479, 477, (New) N.I. 272 Cut-Ditioner, (Used) MC 9 ft. rotary scythe.

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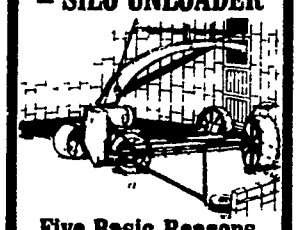

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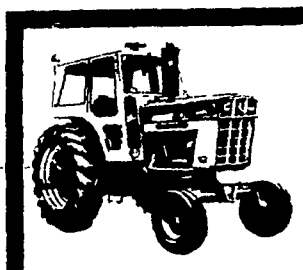

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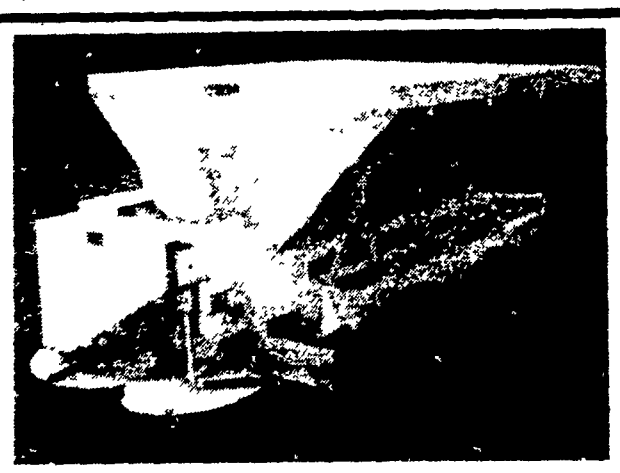

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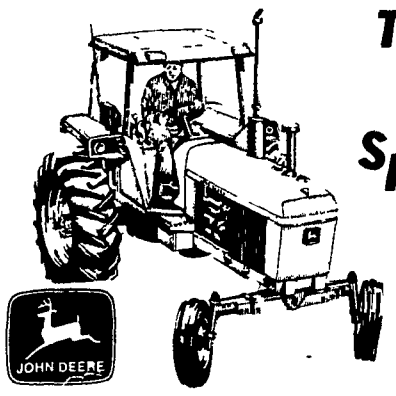

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N.H. 717N2 - 2 Row Head
IHC 350 Harvester w-1 Row & Pick-up
J.D. 12 Harvester w-2 Row & Pick-up
IHC 550 w. 2 Row & Pickup
IHC 650 w. 2 Row & Pickup
N.H. 770 w. 2 Row & Pickup
N.I. 27 Blower
Brady 512 Feeder Wagon

SPREADERS & GRINDER MIXERS
N.H. 512
Gehl 115 Mixer
J.D. 44
N.H. 352 Mixer

NEW EQUIP. IN STOCK
WHITE
2-50 Tractor
2-70 Tractor
2-105 Tractor
2-135 Tractor
2-155 Tractor
WHITE 543 4R Planter No Till
5400 - 4R Planter No Till
543 6R Planter No Till
WHITE
285 Field Cult.
3242 Plow
348 - CT & SAR Plow
WHITE 7300 Combine w. 13 ft. head
WHITE 251 10'4" disc
WHITE 8600 Combine Diesel Hydrostatic with 13' Head
N.H. 310-315-320 Balers
N.H. 850 Round Baler
N.H. 256 - 258 Rakes
N.H. 477 - 479 Haybines
N.H. 707, 718, 770 & 890 Harvesters
N.H. 1890 - S.P. - 4 WD Harvester
N.H. 8 Forage Box
N.H. 1400 DSL - HYD Combine w-13 Ft. Head
N.H. Spreaders - All Sizes
Brillion 3 Pt. Chisel Plow
Pequea Haytedder
Dunham 3 Pt. & Trail Chisel Plow
Vicon 3 Pt. Fert. Spreader
Lamco - Forage Boxes
Lamco Bale Racks

NEW MACHINERY SPECIALS

NH 1034 Bale Wagon - loaded	$9495
Disc Harrows	
White 252 - 13'11"	$2295
White 253 - 13'11"	$2395
All Disc Harrows Unassembled	
Miller 8½' Disc w 5-16 Front and Quarter Rear, hyd level Cont	$4650
Vicon PS 500	$565
Vicon PS 600	$665
Lamco Forage Boxes	
14 Ft w 8 Ton Gear	$2750
14 Ft. w 8 Ton Gear (demo)	$2600
16 Ft w 8 Ton Gear	$2900
16 Ft w Roof & 3rd Beater, w 8 Ton Gear	$3200
Dunham Chisel Plow, 8 Ft , 3 Pt	$1175
Dunham Chisel Plow, 10 Ft , 3 Pt	$1375
Brillion 7' 3 pt Chisel Plow	$1150
Brillion 9 Ft. Chisel Plow	$1325

DUNHAM - BRILLION - LAMCO - LONG

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

USED EQUIPMENT

JD 4020 Diesel Tractor
JD 3020 Gas Tractor
JD 2030 Tractor
JD 2020 Diesel Tractor
Deutz 13006
AC D19 Gas Tractor
1855 Oliver Diesel
JD FBB Drill 17 x 7
NH 269 Baler w/thrower
IH 430 Baler
New Idea 270 Cut/ditioner
New Idea 212 Spreader
NH Tank Spreaders
JD Spreaders
IH Spreader 175 bu.
JD 100 Disk 3 point
JD AW Disk
Dunham Roller Harrow 14 ft.
JD 350 4-B Plow with Mid-west Harrow
JD 1600 Chisel Plow
JD 4400 Combine, Gas

NEW EQUIPMENT

JD 2240
JD 4040
JD 500 Round Baler
JD 336 Baler w/engine
JD 1209 Mower Conditioners
JD 440 Disk
JD 205 Rotary cutter
JD 7000 6-row N Planter
JD 7000 4-row N Planter
JD 8000 Grain Drill
JD 10 ft. Roller Harrow
NH 310 Baler w/engine
NH 283 Baler w/thrower
NH #8 Forage Wagons
NI Spreaders
NI 325 2-Row Picker
NI 323 Picker
NI 324 2-Row Picker
NH TR 70 Combine 4 Row wide head
Grinder-Mixers Models 353-355-357
NH Spreaders
Brillion 10 ft. seeder

FREE FINANCING On New And Used Mower-Conditioners & Balers, Til June 1, 1978. New & Used Forage Harvesters, Forage Boxes and Blowers Till Sept. 1, 1978 New and Used Tractors Till March 1, 1978

WINTER BUYER'S DIVIDEND NOW IN EFFECT SAVE FROM $125 TO $800

Sperry New Holland
A. B. C. GROFF, INC.
JOHN DEERE
New Holland, PA PH: (717) 354-4191

FARM EQUIPMENT

FARM EQUIPMENT

BALDOR ELECTRIC MOTORS

Warehouse and Factory Service.
For Service Call 717-354-5566.

BALDWIN ELECTRIC MOTOR DIVISION, INC.
Box 232
Honey Brook, PA

New model 4 wheel manure spreaders, 100 bu capacity, bronze bearings, easy running

Taking orders for VI Con grass mowers, 8 ft cut, can't clog in any kind of grass Can be used for shreading corn stalks, 3 pt or horse drawn

VI Con fertilizer spreaders are the most accurate spreader, 3 pt or trailer type for horses

GIDEON FISHER

Box 108, RD #1 Ronks, PA

NEW IH 715, 815 & 915 COMBINES IN STOCK AND READY FOR DELIVERY, WAIVER TIL 9/1/78

MODEL 601 FMC BEAN POTATO HARVESTER IN STOCK!

BEAT THE RUSH! Schedule Service Work Now!

USED EQUIPMENT

TRACTORS:
IH 560 Gas Standard
Farmall Cub
Farmall A with Cult
Farmall M
Farmall H
Farmall Super H
MF Pony with Rotary Mower
AC Model C Tractor with plow & cult.
MM M602 - $3700
Ford 801
JD "B"
JD 730 D, Direct Start
Int 350 Gas, High Utility
Int 350 with Loader, For Parts

HAY EQUIPMENT:
Sickle Bar mower for JD A or B
46 Int Baler with Thrower
IH 1300 3 pt Hitch Mower
JD Mower to fit H or M
NH Mower for H or M, Pull Type
NH 275 Baler w Thrower
Gehl FH 84 Field Harvester with Hay Pickup & 1 row Corn Head
IH No 14 Rake
JD 894A Rake
Oliver Rake

TILLAGE:
JD 950 12' Packer Mulcher, Like New
IH 5-Bot 700 Auto Reset
Mohawk 10' 3 pt Hitch Chisel Plow
AC 9 ft Disc Harrow
IH 12' Disc Harrow
(2) 5 Bottom Oliver hyd reset
IH 560 6-Bot plow
IH 12' pull type Harrow
9' Glenco trailing Chisel
IH No 55 13' Trailing Chisel
Oliver 2 Bot Trailing plow
IH 70 4 Bot Trailing Plow

MISCELLANEOUS:
JD 3 pt Hitch Spinner Spreader, like new
10' Ezee Flow Lime Spreader
NH 10 ft Lime Spreader
11' Chattanooga Single Packer
10' Chattanooga packer
Sauder Loader & Scraper For Ford
11' Brillion Packer with Transport
12' Brillion Single Packer with Transport
Lamco Forage Wagon
NH 345 Manure Spreader, Good Shape
MH 2 Row Self Propelled Corn Picker
JD 15x7 Grain Drill
JD 17x7 Grain Drill
Int 353 Rotary Cultivator

NH BATCH DRYER
3 Phase $1,000

FALL SPECIALS VICON EQUIPMENT:
One PS 2000 spreader, 4500 lb. capacity, list price $4395, SALE PRICE $3000
One PS 1001 T spreader, list price $2045, SALE PRICE $1395.
One SF 2 450 power harrow, 15 ft. list price $6200, SALE PRICE $4195
One MF 2 300 power harrow demo., 10 ft list price $4895, SALE PRICE $3200
Donahue carrier trailer 7 x 28 with tire, $1700
Jamesway belt feeder, 50 ft, complete with stands and motor, $1595

McCURDY GRAVITY BOXES AND RUNNING GEARS IN STOCK!

ERB & HENRY EQUIP., INC.

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Daily 7 to 5:30, Fri. till 9
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SEE US FOR:
- DeLaval
- Vicon Spreaders
- FMC Bean
- Butler Jamesway
- IH parts
- SunFlower Disc Harrows
- MC Dryers & Equip
- Artsway Dion Forage Wagons

FARM EQUIPMENT

USED NEW IDEA UNI-EQUIPMENT
705D, Very Good Condition, 500 hrs.
(2) 710 Combines w-13' head
New 708 Power Unit with 717 Combine w/744 N 4-Row Corn Head

Used IH Model 91 Combine
Used JD KBA Transport Discs, 10' & 12', New Blades
Used Hesston PT10 Windrower
Used Moline corn sheller w/engine
Used Cardinal 6" 45 ft. Transport Auger

USED SPREADERS
200 bu. NI Sgl. Btr.
200 bu. NI Flail
#17 NI Ground Drive, nice
AC 180 bu.

SPECIAL PRICE
1 ONLY
GEHL #BF130
FEEDER BOX
$1,950.00

New Gehl #170 Mixer-Wagon w/scales
New Bush Hog 6-row Stalk Shredder
New 41' & 53' New Idea Transport 6" & 8" grain augers in stock
New 10' & 12' Bush Hog offset Discs

END OF SEASON CLEARANCE ON 7' & 9' HESSTON WINDROWERS

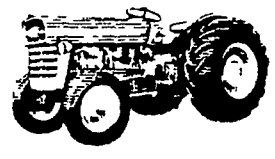
New 8, 10 & 12 ft. Bush Hog chisel plows
New Gehl Model 72C Flail Choppers
New Gehl Model 1500 A Round Baler
New Gehl 3 pt. Round Bale Carrier
New Hesston Stack Movers
New 3 pt. PTO Cord Saw
New Danhuser 3 pt. Log Splitter

SPECIAL
1 ONLY
12½' Brillion Field Cultivator
$1,195.00

NOW IN STOCK
New Idea Model 206 Ground Drive SPREADERS
On Steel or Rubber

UMBERGER'S MILL
New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon (Fontana)
Phone 717-867-5161 or 717-867-2613

Hitch up to Massey. MF Massey Ferguson



OLDER TRACTORS

MF 1130	9,700
MF 1100	7,500
MF 178 Diesel	4,800
David Brown 1200	4,500
JD 1010 Gas w/loader	3,900
Oliver 55	1,750

M.M. WEAVER & SONS
North Groffdale Road
Leola, Pa.
Phone: 717-656-2321

FARM EQUIPMENT

USED EQUIPMENT
J.D. A Tractor
J.D. 4020 Diesel
J.D. 4020, Powershift and Roll Guard
J.D. 2630 Diesel
A.C. B Tractor w-cultivators
Farmall Super C w-loader & Equip.
Fox Chopper w-3-row head
M.F. 410 Diesel Combine w-Grain Head
J.D. 14T, 24T & 224T Balers
N.H. 269 Baler w/kicker
N.H. 275 Baler w/kicker
Hesston 56 Round Baler
Hesston 10' Mower Conditioner
J.D. 1640 Disk 12'6"
J.D. AW Disk 11"
J.D. 15' Roller Harrow
J.D. F145 4-16" Semi-mtd. Plow

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT

TRACTORS
JD 4620D Cab
JD 4430D, Cab & Air
JD 4320D Cab
JD 4230D
JD 4020D Side Console
JD 4020D, '67 model
JD 4010D (SOLD)
JD 3020L (SOLD)
JD 3010D
JD 2030D Ind. PTO
JD 830, 675 I (SOLD)
IH 1456 Cab
IH 560 Gas WF
Ford 5000 Gas '72
Oliver 1655D
MF S90D

COMBINES
JD 3300 w/Grain Plat.
MF 410 Q.T. Plat.
MF 300 Q.T. Plat.
JD 42 Pull Type w/8' Platform

GRINDER-MIXERS
Gehl 120
N.H. 352

TILLAGE
JD AW, KBA Discs
JD Plowing Disk & Offset
JD BWF 16'6" Wing Disc
JD & IH 3-4-5 Bot. Plows

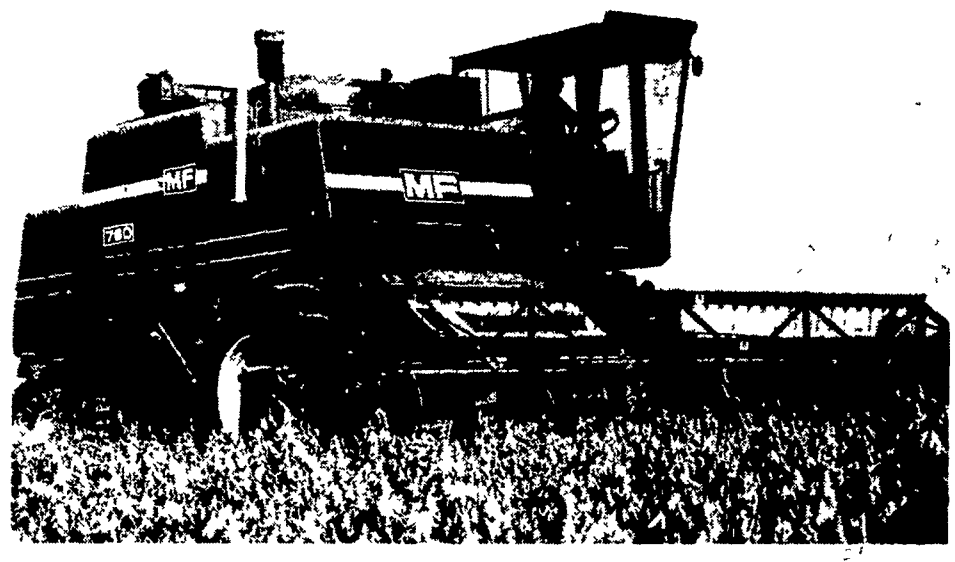
A GOOD SELECTION OF N.I. PICKERS
2 Row MTD, 12 Roll, Wide & Narrow Pull
8 & 12 Roll, 325 with super Sheller

NEW SPECIAL
JOHN DEERE 930 10 FT. MOUNTED ROLLER HARROW - $875.00

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049
215-965-5203

HEADQUARTERS FOR SELF PROPELLED COMBINES



Harvest Special

USED COMBINES

LATE MODELS

MF 760 Hydro Diesel w/16 ft Grain Head and 6-row 30" Corn Head	36,500.00

OLDER MODELS

MF 510 Diesel w/14 ft Grain Head	9,500.00
MF 510 Diesel w/14 ft Grain Head	5,500.00
MH 90 Special w/12 ft Grain Head	1,100.00
Oliver 5555 w/4-row 38" Corn Head	10,000.00
Oliver 542 w/4-row 38" Corn Head	7,500.00
M M 2890 w/2-row Corn Head	5,500.00
AC A Gleaner w/13 ft Grain Head	2,400.00
Gleaner FKS w/4-row 30" Corn Head & 13' Grain Head	16,000.00

New Idea 2-row 30" Pull Type Corn Sheller
New Idea Sheller Attachment for Mounted Corn Picker
MF 6-row 30", 4-row 38" and 4-row 30" Corn Head to fit Quick-Attach Combines

NEW! 760 & 750 COMBINES Available for Immediate Delivery

WE HAVE A LARGE SUPPLY OF COMBINE PARTS IN STOCK.

M. M. WEAVER & SONS, INC.

MF Massey Ferguson

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

NEW EQUIPMENT

Full Line of Ford Tractors
Kubota Tractors and Equipment
7B Ford Plow $2500.
8B Ford Plow $2800.
McCulloch Chain Saws
18 ton Eager-Beaver Trailer
9 ton Eager-Beaver Trailer

USED EQUIPMENT

Hanson 3 pt. Snow Blower
Large selection A-1 Used Tractors
GHGBR 35 ton gooseneck low-boy trailer
3 pt. rear scraper blades
Garden Tractors, Snow Blowers and Blades
Sauder Asphalt Spreader
Myers Sherman Co. Stump Cutter
Wayne #53 Sweeper
E-Z Lift Model JE 2,000 lbs. cap. electric and hydraulic operated.

STRALEY FARM SUPPLY, INC.

1760 East Canal Road, Dover, Pa. 17315
717-292-2631 or 717-292-4443

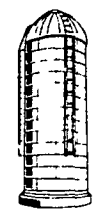
SPECIAL OF THE WEEK

Reconditioned WEAVERLINE CART CALL US FOR PRICE

EQUIPMENT FOR SALE OR LEASE

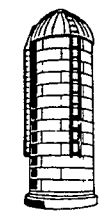
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel manure spreader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons

SHOW-EASE STALL CO.
523 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536



NEGLEY & MILLER SILOS

Manufacturers and Erectors



The company from Perry County who uses the best in materials and experienced crew to satisfy their customers plus insures quality built silos.

(PLANT)
Rt. 1, Box 93
Shermans Dale,
PA 17090
Phone.
717-582-4108

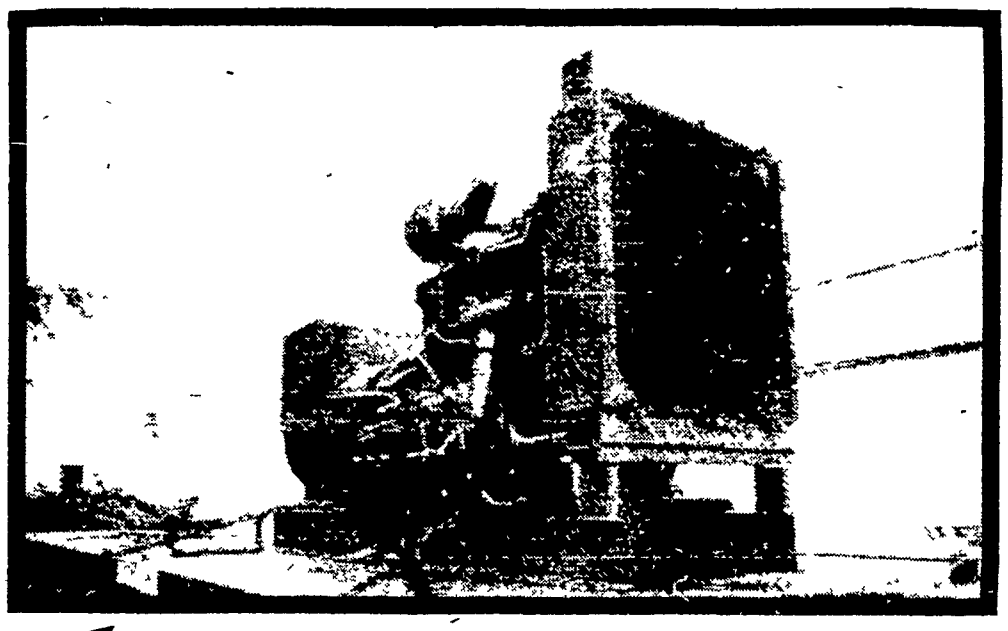
NEGLEY & MILLER SILOS

(SALES)
Rose Pollock
Office
717-582-4108
Home
717-834-4338

STOP & SEE US AT THE FARM SHOW

MAXI POWER

GENERATOR SETS 20 THRU 300 K.W.



Distributor for WINCO

LEONARD MARTIN COMPANY

330 Fonderwhite Road, Lebanon, PA. 17042

Phone: (717) 273-6478

AGRICULTURAL INDUSTRIAL EQUIPMENT CO.

NEW IDEA FARM EQUIPMENT
SPERRY NEW HOLLAND
Brillion
CrustBuster Tillage
ALLIS CHALMERS

Buyers Dividend In Effect
NEW HOLLAND
Interest Free
on Hay till 6/1/78
on Forage till 9/1/78

A.C. 20 H.P
DIESEL TRACTORS
IN STOCK
Ready For Delivery

TRACTORS
Interest Free
Till March 1, 1978

TRACTORS

(1) ~~(2)~~ John Deere 4320 Good Cond on yard
JD 2010 Gas, good cond
Farmall 300 w/mower, side mtd
Farmall 240, quick Hitch
IH 706 D w/cab, Ex Cond
Case 830 Gas, good cond
Case 530 Gas, with loader
Case 1370 cab & air, Ex Cond SOLD
Case SOLD
VAC Case, fair condition
Ford 4000 D w/2-row mtd picker, fair cond
Ford 800 Gas, fair cond
David Brown 990
David Brown 885 Gas, 1975, good cond
1976 David Brown 995, Orange Bottom, like new
(2) AC D17 Gas Good Cond
AC B w/attachments
(2) AC C w/attachments
Oliver 770 Gas

MISC. EQUIPMENT

IH Baler w/thrower
IH 990 mower conditioner, Ex Cond
(1) ~~(2)~~ AC No-Til 4 row Planters
JD 12' Chisel Plow
Brady 4-row Stalk Shredder
NH 45' Elevator w/motor
Case 550 & 555 Mower Cond
NH 1880 SP Cat Dsl, 3RN & WPU
NH 1880 Det Dsl, 3RN & WPU
(2) ~~(3)~~ NH 880 pull type, 2R & WPU
AC 303 Baler w/thrower
NH 66 Baler
(2) ~~(1)~~ NH T330 Trencher (40% off)
Case 1665 Combine, 14' head, 4 40 corn head, All good cond
(5) Used Blowers
(5) Skid Steer Loaders - Case 1737, Hydra MAC 8C, NH 225 like new, 600 Bobcat, 1816 Case
IHC Corn Picker 2-Row wide, Ex Cond.
Chevy Truck w/Grove unload box
10 ft Lilliston Rolling Harrow
AC 904 Mower Conditioner
NH 101? D e Wagon ex cond. SOLD
NH 78 Baler
1976 MF 260 Forage Harvester w/2-RN, WPU, 2RN Ground ear corn
Hesston 1014 Hydro Swing
(2) NH 770 Forage Harvesters
NH 1469 SP Haybine
NH 269 Baler w/thrower Good Cond
IHC 440 Baler
(2) NH 451 mower, like new
JD 483 Mower Conditioner
JD 215 SP Mower Conditioner
(1) AC 600 4-Row No-Til Planter w/Liquid Fert
1976 AC No Til 4R Planter w/Fert & Monitor like new
AC 720 Forage Harvester w/corn hd
(3) ~~(2)~~ JD 494A Planter, Good Cond, w/Fert
Used Gehl Forage Wagon
(10) Used Garden Tractors all makes & H P
(3) Used Discs 10, 12 & 13 ft
Fox 546 Forage Harvester
(2) ~~(1)~~ NH 461 Haybine
IHC 540 Manure Spreader sgl btr, like new
(4) Used Rakes
(3) ~~(4)~~ Used Spreaders
(2) Lilliston 7'6" PT Rotary Mower
Woods 10' Rotary Mower, ex cond
NH 850 Round Baler, good
NH 479 Haybine, good cond
(1) ~~(2)~~ JD 7' Rotary Mower
9 Ton Tag-Along Trailer

NEW TRACTORS

All H P Available

NEW EQUIPMENT IN STOCK

All Sizes Woods Mowers
(3) ~~(4)~~ Brillion Chisel Plows
Brillion Transport Harrows 12' to 20'
(2) ~~(3)~~ NH Skid Steer Loaders
(2) ~~(3)~~ ~~(7)~~ ~~(9)~~ NH Haybines in stock 9 ft, 12 ft SP
(3) ~~(6)~~ NH Choppers
(0) ~~(2)~~ NH Round Balers
(1) NH Grinder Mixer, special price SOLD
NH Spreaders, Box & Tank
(1) ~~(2)~~ NI Cut/ditioner 9'
NI Spreaders all sizes

Sales Call Ed Greenleaf
Sales Call Phil Hite Sales Call Chuck Huester
Service Call Milt Whiteside
Rt. 273 Rising Sun, Md.
301-658-5568 301-398-6132
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

BRICKERVILLE EQUIPMENT

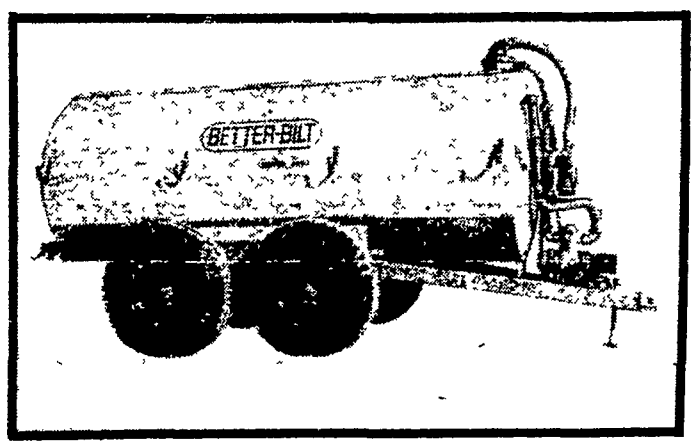
Lester Boll, Prop.

RD 1 Lititz, Pa., ½ mile East of Brickerville on Rt. 322 **717-626-6198**

BUY "BETTER-BILT" EQUIPMENT
WHY? IT'S "BILT-BETTER"

DECEMBER SPECIAL

NEW
1500 Gallon Spreader
CALL FOR PRICE



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- FARROWING CRATES
- LAGOON PUMPS
- HIGH PRESSURE PUMPS

★SALES ★SERVICE ★PARTS

Edwin N. Kurtz, RD 1 Ephrata, 717-733-8193, Better-Bilt Distributor

FARM EQUIPMENT

FARM EQUIPMENT

EVERGREEN TRACTOR CO., INC.

JOHN DEERE

USED COMBINES

(1) Gleaner Model G Diesel with 13' platform, pickup reel, cab, 6-row 30" corn head

(1) Used John Deere 3300 Gas with 13' platform, pickup reel and 244 corn head.

(1) Used John Deere 55 Squareback Corn Special with 12' platform, cab, 2 row wide and 3 row narrow corn head.

(1) Used IH 403, Hydrostatic Drive w/14' Platform & 3-row narrow corn head.

(1) Used Gleaner CII with cab, 14' platform and 4 row wide corn head.

NEW HAYBINE SPECIALS

New Holland 479 Haybine $4,050.00 No Trade
New Holland 495 Haybine $5,600.00 No Trade
New Holland 477 Haybine $3,400.00 No Trade

30 Evergreen Road Lebanon, Pa. 17042
PHONE: (717) 272-4641

FARM EQUIPMENT

NEW EQUIPMENT
Brillion 12 ft. Field Cult.
Brillion 12 ft. 8 in. Cultimulcher
Brillion 13'6" Cultimulcher
White 251 9'3" Disk
White 10 ft. Chisel Plow
Gehl 120 Model Mixer
White 2-85 Tractor
White 2-105 Tractor
N.I. Forage Blower
1 Speedy Corncrib

USED EQUIPMENT
N.I. 2 Row Mounted Picker with 12 Row, Husking Bed
N.I. 1-row 323 Picker
340 Farmall w/live PTO, 2-Bot. Plow
Farmall H
M.F. 165 Tractor
1 Used Gravity Box
702 Uni-Combine w. Cab & Grain & Corn Head
Farmall 1026 Hydrostatic Tractor

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

MF Massey Ferguson

USED EQUIPMENT
Farmall C w-cult.
Farmall MD
Farmall H
Farmall 300 G
JD A
JD B
MH 44
MH 44 w-loader
Ontario Grain Drills
JD Grain Drills
AC WD 45 Tractor
MF 65
IH 205 Combine
MF 510 Combine
MH 33 Tractor
MF 35D
MF 410 Combine
MF Snowblowers

NEW EQUIPMENT
MF 230 Tractor
MF 265 Tractor
MF 1085 Tractor
NI Cornpickers
MF 245 Tractor
Wagons with Flats

N. H. FLICKER & SONS, INC.
Box 68
Maxatawny, Pa. 19538
215-683-7252

DAIRY EQUIPMENT

For Sale - DeLaval pipeline milking system, complete; two vacuum pumps with vacuum line, double glass line for 20 stanchion barn, automatic washer with stainless steel wash mats. Ph: 301-348-5765.

DAIRY EQUIPMENT

For Sale - Cow mats, rubber matting for horse stalls, vans and ramps. 301-885-5045.

Rent Dutch Farm Dairy's Mobile milk plant. Process and sell your fresh Government Inspected milk on the farm to consumer for $16.38 cwt. ($1.30 gal.). Call 717-665-6333 or 626-4592.

For Sale - Dairy Kool bulk tank, 650 gallons, used 6 yrs., very good shape. Menno J. Martin, Jr. 215-445-4450.

For Sale - 400 VE gallon Mojonnier vacuum bulk milk tank with controls and compressor; 300 VE gallon Mojonnier vacuum bulk milk tank with controls less compressor. Milton Hershey School Farms. Phone 717-534-3525.

For Sale - Complete four unit Surge A.W. with 2" receiver; complete DeLaval six unit A.W. with 1½" receiver; used DeLaval 75 vac. pump; used Surge dump station. Ph. 609-267-0198 or 5246.

For Sale - 800 gal. dairy kool bulk tank. 201-383-3829.

JUGGERS
Make your own Eggnog holiday drink using your milk. We supply flavor and mix, you make the profits.
ELIZABETHTOWN CREAMERY CO., INC.
Elizabethtown, Pa.
Call
717-367-1389

DAIRY EQUIPMENT

For Sale - 3 sterling DeLaval milker units with new claw and 1 50 lb. pail, 2 40 lb. pails. Gideon F. Fisher, 3157A Old Phil. Pike, Bird-in-Hand, Pa.

For Sale - Jamesway 400 gal. bulk tank, $850. Call evenings 201-369-4784.

Wanted - Used milking parlor equipment, especially weigh jars. Ph: 717-548-2900.

For Sale - 1 400 gal. Zero bulk milk tank, good condition, $450. App. 100 ft. of glass milk tine $150. 301-272-6738.

30% off on bolts, 10 lb. or more; 150 amp. portable Lincoln welder, $689; auto. turn for carts, $190.95; 10 in. heavy duty air tires, $13.89; spring wagons, $750; feed silage, and egg carts; 20% off on silage forks. Sale ends Dec. 31, 1977. Elmer S. Lapp, Scenic Road Farm Supply, Gordonville RD 1, Scenic Rd., Pa. 17529.

LIVESTOCK & SUPPLIES

For Sale - Purebred Montadale ram, 4 yrs. old, excellent sire, no papers $50. 215-286-9682.

For Sale - 7 home raised steers, 650 lb. Phone 717-272-3984.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R2, Strasburg, Pa. Ph: 717-786-2562.

Duroc Breeding Stock For Sale - Bred Gilts and Open Gilts. Boars out of championship bloodlines. WYAND DUROCS, Williamsport, Md. Rte. 1 P.O. Box 346, 21795. Phone 304-625-1448.

For Sale - 2 Holstein stock bulls. 717-786-2975.

For Sale - 4 service age crossbred boars, 1 Jersey heifer due soon (registerable), 308 bu. NI manure spreader. 717-442-8104.

For Sale - 9 Holstein bulls 500-600 lbs., home raised. 717-284-4898.

For Sale - 3 Registered Brown Swiss heifers, ready to breed. Buttonwood Farm, Birchrunville. 215-827-7862 after 5 p.m.

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For Sale - Yearling Registered Holstein Bull from Kingpin Dam with records: 298D 21,209M 3.9% 818F Sire is Elevation. David E. Roth, Milmay Farm, 717-789-3629.

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For Sale - 2 Registered Ayrshires; due to freshed anytime. Ph: 717-367-2736.

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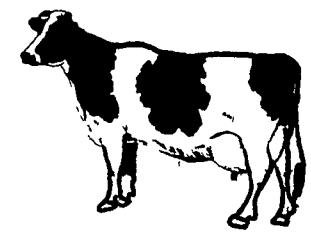

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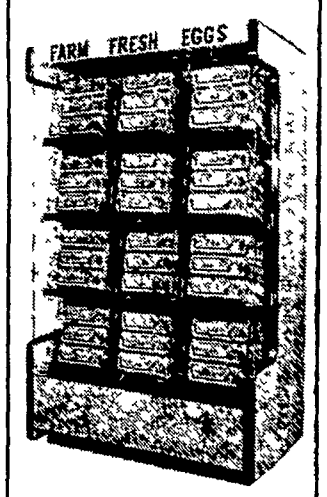

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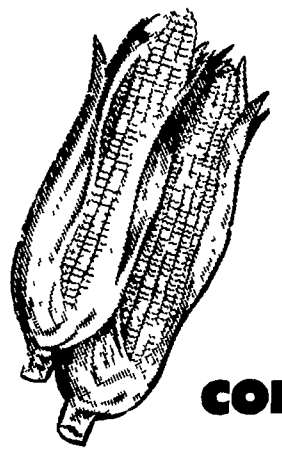

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Attention Farmers - Big Savings on Broiler Poultry Manure. We will deliver any amount, anytime or place in Lancaster County for $10.00 per ton net delivery. Send inquiries to Box 266E, c/o Lancaster Farming, Lititz, Pa. 17543.

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Peat Moss and Mushroom Soil delivered in dump trailer.
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Fertilizer 10/20/20 $111/t. EMT - Exchange Market Traders. 301-792-7405 or 792-7406.

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Delivered within 100 mile radius of Harrisburg, in 15 ton loads.
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Hauling can be arranged.
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Tear Down
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Wipe out odor and solid problems.

Stop pit odors produced by organic wastes effectively, rapidly, with **Pit-Zyme** bacterial enzyme; effective on light solids, too.

Get rid of heavy solids in pits, lagoons with **Sludge-Away**, a combination of bacterial cultures, natural enzymes.

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Removal Service 7 Days A Week.
Salvage Return When Possible.

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Farm Help Wanted - Milking a must, experience & references. Ph: Newport 717-567-6782.

Wanted - Farm Helper for Beef and Turkey Farm in York Co. Married, 20 to 30 years old, house provided, experience preferred. 717-637-9068.

Dairyman Farmer - Married with very small or no family to relief milk in modern parlor, care for calves, recognize and medicate cow and calf problems, operate modern farm equipment. Full hospitalization and pension plan. Modern home near Baltimore, position open in January. Reply to Box 266 J-22, c/o Lancaster Farming, Lititz, Pa. 17543.

OPPORTUNITY salesman trouble shooter Manager for milking machine dealer. Ph. 609-267-5246 after 6 p.m.

NEW-EXCITING-PARTY-PLAN CO. opening area. Parttime 2 evenings. Do Home-Decorating-Floral-Shows. Earn $50 & UP Nitely! (215) 433-2211 or (215) 435-6711.

Recent experience with milking parlor and modern equipment, must be ambitious and willing to take responsibilities. Housing for small family, good salary and privileges, references required. Ph. 215-869-2527.

Experienced tractor trailer driver wanted, must have good knowledge of dairy cattle & general farming. Write or call Jacob Greenburg & Sons, Inc., Box 286, Pemberton, NJ 08068. Ph: 609-261-3300.

Married man experienced on dairy farm, milking a must. Ph: 215-869-9111.

Experienced man to work on dairy farm, references required, house available. Ph: 717-762-6710 or 762-2375.

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Custom grain drying in batch dryer. 2¼ cents per point per bushel Ph: 717-838-3666.

Bean the high cost of straw, economize on your crop residue by stacking it in easy to handle stacks. Custom Stacking. Ph: 717-733-7466

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Insulate bottom of your trailer with sprayable Urethane Foam and eliminate frozen produce and added weight due to water pickup.
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397-3724
Home: 782-2233

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Help Wanted - For general farming, beef cattle & swine operation. House with privileges. Ph: 717-665-4505.

Help Wanted - Lady to help in egg processing, full or part-time. Ph: 717-665-4505.

Reliable men to work on New Jersey dairy farm. Must know how to milk and must have references. 609-298-4776.

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- Forming & pouring concrete
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- Install grain drying systems
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- Install feed milling systems
- Tractor trailer driver
- Boom truck operator

Write or Call
MARTIN DISTRIBUTORS, INC.
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Farm to farm on established Chester County Route, must have dairy background and be aggressive. Guaranteed salary plus commission and benefits.

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Wanted - Manager with stockyard experience 9 million dollars gross sales annually Salary $16,000 and up.

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EXPERIENCED AND RELIABLE TRUCK DRIVERS NEEDED
Full and Parttime
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Constant Expansion continues to increase our need for qualified drivers.
GOOD PAY AND EXCELLENT FRINGE BENEFITS
Requirements - at least 25 yrs. old with minimum 3 years experience in heavy truck driving with clean driving record for the past 3 years.
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PLAIN & FANCY EGG RANCH
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or call Mr. Dennis Shutt at 717-665-3511

SITUATIONS WANTED

Experienced young married man seeks permanent position on 50 to 60 cow dairy. Needs good wages and housing. Gary Mearkle, RD 2, Myerstown, Pa. 17067. 717-866-7327.

Young man with B.S. degree in Agronomy desires to rent tillable 100-250 acre farm on Md. eastern shore. Cecil, Kent or upper Queen Anne's Co. preferred. Have life-long experience in grain production. Will consider crop share arrangement. Send reply to P.O. Box 148, Saleburry, PA 18963.

SITUATIONS WANTED

Young married family man looking for work on a dairy farm. Prefer Central Pa. region. Agricultural background, Penn State graduate. Interested in future option to buy from a retiring party. Ph: 607-243-7473.

Young married couple, experienced in small beef operation with established retail customers interested in farm management in cooperation with owner. Have general farming experience with limited dairy knowledge but willing to learn. Also interested in future options to lease or buy. Write P.O. Box 22, Nazareth, Pa. 18064.

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ALL VANS & SPORTMANS MUST GO
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PHONE 717-367-1808

TRUCKS

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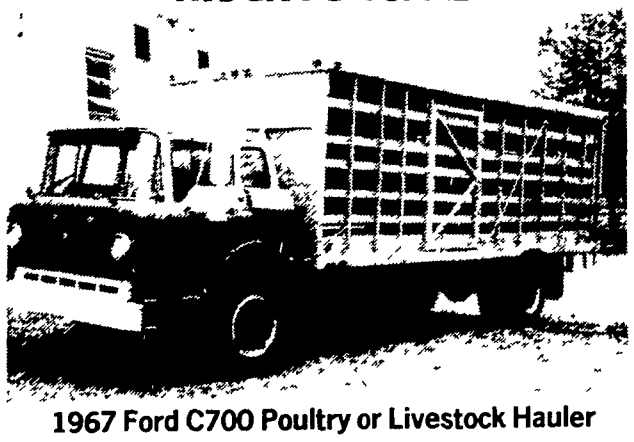

1967 Ford C700 Poultry or Livestock Hauler
- 144-162 poultry coop capacity
- 21 foot bed; 26,000 lb. gross weight
- new paint, inspection; like new radial tires
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- Price. $3850 with coops, $3400 without

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'75 **Jeep ½ Ton Pickup,** 360 V8, 2 Barrel Carb, Auto, Quadratrack - **$5495.**

'75 **Chevy ½ Ton Pickup,** V8, Auto, PS, Low Mileage - **$4995.**

'74 **GMC Suburban,** V8, Auto, PS, PB, Fact Air - **$5495.**

'74 **Jeep Wagoneer,** V8, Auto, PS, PB, Fact Air, Low Miles - **$4995.**

'74 **Dodge ½ Ton Pickup,** V8, Auto, PS, PB, Fact Air, Fr Wheeling Hubs, Adventurer Sport Package, Low Miles - **$5295.**

'74 **Chevy ½ Ton Pickup,** V8, 4 Speed, PB - **$3995.**

'74 **Blazer,** 6 Cyl, Auto, PS, PB, Power Angle Plow, Driven Only 27,000 Miles - **$5395.**

'74 **Plymouth Trailduster,** V8, Auto, PS, PB, AM-FM Stereo, Low Miles - **$5295.**

'73 **Toyota Land Cruiser,** 6 Cyl., St. Shift, Fr Wheeling Hubs, Low Miles - **$3895.**

'73 **Int. Travel-All,** V8, Auto., PS, PB, Fact Air, Fr. Wheeling Hubs, Cust. Interior, Elec. Tailgate, Driven Only 38,000 Miles - **$4395.**

'68 **Chevy Suburban,** V8, St. Shift, PB, Fr. Wheeling Hubs - **$2295.**

TRUCKS

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'76 **Ford ½ Ton Pickup,** 6 Cyl, St Shift, Driven Only 16,000 Miles - **$4195.**

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'75 **Chevy ¾ Ton,** V8, Auto, Low Miles - **$3995.**

'75 **Chevy Suburban,** V8, Auto, PS, PB, AM-FM, Only 14,000 Miles - **$4995.**

'74 **Chevy ½ Ton Pickup,** V8, St. Shift, PS, PB - **$3295.**

'74 **Ford ¾ Ton Pickup,** V8, Auto, PS, PB, Low Miles, Must See To Appreciate - **$4295.**

'74 **Int. Scout,** V8, St Shift, 2 Tone Paint - **$2995.**

'74 **Ford ½ Ton Pickup,** Ranger XLT, V8, Auto, PS, PB - **$3595.**

'74 **GMC ½ Ton,** V8, Auto, PS, 2 Tone - **$3795.**

'74 **Ford ½ Ton Pickup,** Ranger XLT 390 V8, Auto, PS, AM-FM Stereo, AC, Black & White - **$3995.**

'74 **Chevy ½ Ton Pickup,** V8, St Shift, Real Clean - **$2995.**

'74 **Dodge ½ Ton Pickup,** V8, Auto, PS, PB, AC, Driven Only 29,000 Miles - **$3495.**

'74 **Chevy ½ Ton Pickup,** 6½ Ft Bed, V8, St Shift, PS, PB, Cheyenne Super Package, 2 Tone Paint, Must See To Appreciate - **$3995.**

'74 **Ford ½ Ton Pickup,** 302 V8, Auto., PS, PB - **$3595.**

'74 **Ford Super Cab,** V8, Auto, PS, PB, Fact. Air, Low Mileage - **$4495.**

'73 **Toyota Pickup,** W/Cap, 4 Cyl, Auto, Rear Step Bumper, Absolutely Showroom New, Driven Only 10,000 Miles - **$3395.**

'73 **Ford F-600 Crew Cab,** 12' Stake Body, 42" Rack, 8 25x20 Rubber, V8, 5 Speed, PS, PB, Vacuum Booster - **$4595.**

'73 **El Camino Estate,** V8, Auto, PS, PB, Low Mileage, Real Clean - **$3595.**

'73 **Ford ½ Ton Pickup,** Ranger Package, V8, Auto, PS, Fact Air, Low Mileage - **$3995.**

'73 **Chevy El Camino,** V8, Auto., PS, PB, Fact Air, Low Mileage - **$3795.**

'73 **Datsun W/Cap,** 4 Cyl., 4 Speed, Low Miles - **$2995.**

'72 **Toyota W/Cap,** 4 Speed, Low Mileage - **$2395.**

'72 **Dodge ¾ Ton Pickup,** V8, St Shift - **$1495.**

'70 **Ford ½ Ton Pickup,** 6 Cyl., St. Shift, A-Title, 12,000 Orig. Miles, Showroom Cond., Must See To Appreciate - **$2895.**

'70 **Ford 1 Ton Stake,** 300 Cu In., 6 Cyl, 4 Speed, Dual Wheels in Rear, 12' Bed, 42" Stake Racks - **$2895.**

'69 **GMC,** V8, Auto, PB, Fact. Air - **$2595.**

'69 **Ford ½ Ton Pickup,** V8, St Shift, Ranger Package - **$1895.**

VANS

'77 **Dodge Royal Sportsman,** 8 Pass, 360 V8, Auto, PS, PB, Fact Air, Radial Tires, 2 Tone Blue, Low Mileage - **$7695.**

'77 **Chevy ¾ Ton Van,** V8, Auto, PS, PB, AM Radio, Showroom Condition - **$4995.**

'75 **Chevy ½ Ton Van,** 6 Cyl, St Shift, Low Mileage - **$4395.**

'74 **Dodge Kary-Van,** V8, A, PS, PB, 10 Ft Body, 38" Swing Out Rear Doors, 8200 GVW, Low Mileage - **$4695.**

'74 **Dodge Window Van,** V8, Auto, PS, PB, Low Mileage - **$3995.**

'68 **Ford ¾ Ton Van,** 6 Cyl, St Shift, Real Clean - **$2495.**

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PETS

For Sale - White Eskimo puppies, 6 weeks old, Isaac S. Fisher, RD 2, Gordonville, Pa. 17529; 1 mile West on Soudersburg Rd.

For Sale - Purebred English Shephard stock dogs, an ideal farm companion, puppies $35, 5 wks. old on Dec. 25. Ph: 215-445-5120.

Give a Merry Christmas & Happy New Years gift! AKC black Lab. pup. True pet, top gun dog, reasonably priced. Brooks Conoy Dutch Farms. 717-367-1861.

WANTED TO BUY

Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call before 8 p.m. Mon., Tues., & Thurs. only. 215.229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

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Custom Truck Bodies
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Priced to Sell - GMC 6x6 ton Army truck - new 160 Cummins engine, new winch, new trans., excellent condition. $9000.00. Call after 5 p.m. 609-939-3757.

For Sale - 1973 International new 16' grain dump $6500.00, 1969 IHC crew cab new 16' dump power steering $5000.00, 1972 White cab over 20' new grain dump $7500.00, 1971 IHC 20' aluminum body $2975.00, others. Call 814-793-2829.
CURRY SUPPLY
MARTINSBURG, PA

For Sale - 1971 Int. truck with 20 ft. livestock body, M.H. Eby Inc. Blue Ball, PA 717-354-4971.

For Sale - 1957 ¾ ton Ford pick up truck, good tires and running order $295. 717-786-3487.

For Sale - 1969 Int. 1890 with 392 engine, 33,000 lb. licence and 10 ft. Stoltzfus dry lime spreader body. Will sell separately. 215-683-8396.

1972 White cab over 20' new grain dump, power steering, air brakes $7500.00; 1971 IHC new 16' grain dump $6500.00; 1965 Ford 16' flat dump, air brakes $2975.00; 1970 IHC 16' aluminum van $2975.00; 1969 Ford 950 series tandem 20' body $5000.00. Others, call 814-793-2829.
CURRY SUPPLY
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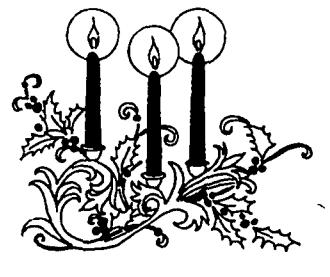
For Sale - Gooseneck Trailer and Truck 1973 Chev. dual wheeled 1 ton pickup with 20x8 ft. Haynes Gooseneck trailer. Ideal for farm to farm or farm market movement of cattle. Used 4 years for beef show cattle. Now depreciated, excellent rubber. Price $1750.00 each or $3500.00 for both. Must sell by Dec. 30. MARLEE FARM, Woodsboro, Md. 301-898-7272.



MISCELLANEOUS

For Sale - Oak, poplar and basswood lumber (green). Fence boards and sawdust. Moyer's Sawmill, RD 2, Annville. Ph: 717-865-3822.

For Sale - RT Randall meat stuffer with air compressor. Also 50 gal. stainless steel mixer surrounded by steam jacket, best offer. 215-267-5059 or 717-733-0703.

For Sale - Pheasant hunting September to April 30. Pheasants for stocking, all ages. Reading Hunting Area, Birds Boro, RD 1, Pa. 19508. 215-856-7670.

PETS

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I need Purebred and cute mixed litter lots, 7 to 10 week old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1 Manheim, PA. Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.
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CANNEL COAL in 40 lb. and 50 lb. sizes. A fine fuel for your fireplace, Franklin stove, etc. Stop in to see it and for the brochure. W.L. ZIMMERMAN & SONS, Intercourse, Pa. Ph: 717-768-8291.

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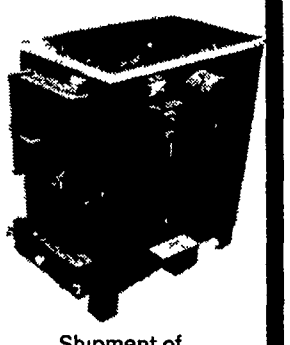

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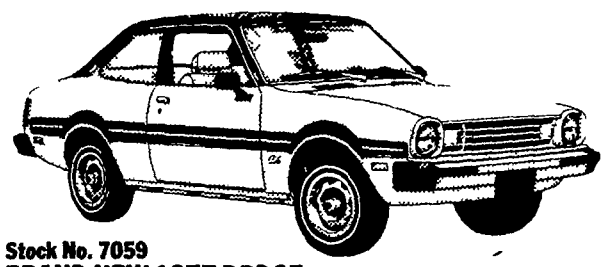

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BRAND NEW 1977 DODGE COLT 2 DOOR COUPE

4 cylinder 1600 cc engine power front disc brakes, 4 speed manual transmis sion synchronized in all gears electric rear window defogger Bright yellow with black vinyl bucket seats, 600x13 white sidewall tires 17 BRAND NEW DODGE COLTS IN STOCK

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Slant six 225 cubic inch engine with new 2 barrel carburetor 4 speed manual transmission with overdrive gear for economy power front disc brakes, elec tronic ignition Mint green metallic with green vinyl bench seats F78x14 glass belted tires 41 BRAND NEW DODGE WAGONS IN STOCK

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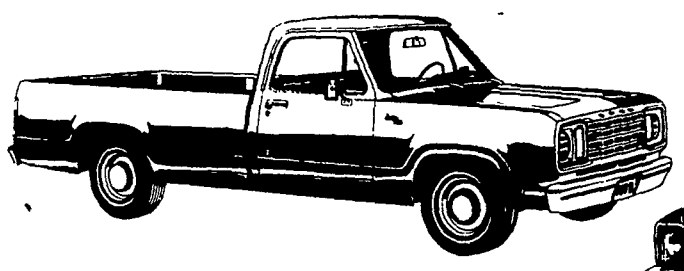

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Slant six cylinder with new 2 barrel carburetor power front disc brakes, elec tronic ignition, economy rear axle (3 55 ratio) 5000 lb GVW package Medium green sunfire metallic with green vinyl interior 35 BRAND NEW DODGE D-100s IN STOCK

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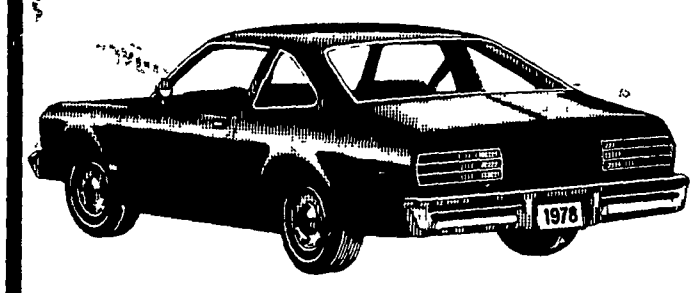

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BRAND NEW 1978 DODGE ASPEN 2 DOOR COUPE

Slant six 225 cubic inch engine disc brakes electronic ignition 4 speed manual transmission includes overdrive gear for economy Augusta green sunfire metallic with black cloth & vinyl bench seats 18 BRAND NEW DODGE ASPEN 2 DOORS IN STOCK

AS LOW AS..... $3961

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BRAND NEW 1977 DODGE ROYAL MONACO 4 DOOR SEDAN

360 V 8 engine automatic transmission power steering power front disc brakes AM radio electronic ignition Mojave beige with beige cloth & vinyl bench seats GR78x15 white sidewall steel belted radial tires 8 BRAND NEW DODGE ROYAL MONACOS IN STOCK

AS LOW AS..... $4222

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BRAND NEW 1977 DODGE MONACO 2 DOOR HARDTOP

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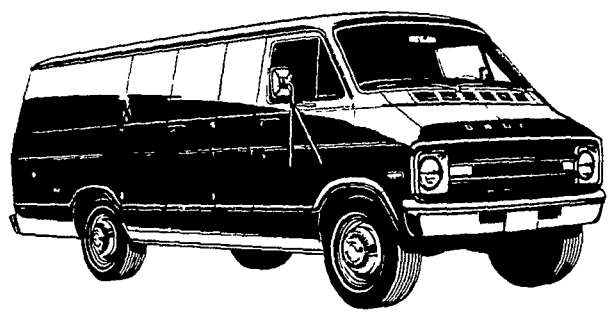

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BRAND NEW 1977 DODGE B-100 TRADESMAN VAN

127" wheelbase slant six cylinder 225 cubic inch engine disc brakes elec tronic ignition windows in rear only 4600 lb GVW package Medium blue metallic with blue vinyl bucket seats 41 BRAND NEW DODGE VANS IN STOCK

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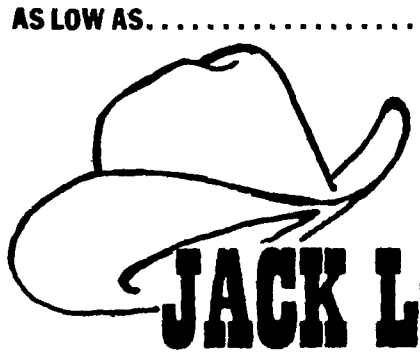

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JERSEY SHORE, PA.
Phone 398-1590

detroit connection

MISCELLANEOUS MISCELLANEOUS

25% off on Curtis air compressors thru Dec., 1-25 hp. 2 stage reciprocating. John L. Beiler, 717-299-4869.

For Sale - 40 HP Wisconsin V-4 gasoline engine with hand clutch. Call 302-378-2271.

200 stoves, 10 brands, new and antique cook ranges, Ashley, Suburban, Fisher, Boss Papa and Mama Bear, Riteway, etc.; large warehouse - 717-632-7419, new shop Lancaster Co. 717-768-3870.

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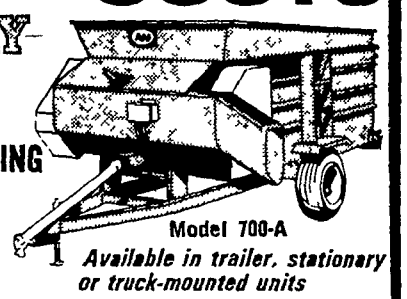
2008 HORSESHOE RD.
2436 CREEKHILL RD.
LANCASTER, PA. 17601

WE MANUFACTURE & BUILD "LANCASTER" CONCRETE STAVE FARM SILO'S

LANCASTER SILO CO. IS YOUR NEW ARTS-WAY SILAMIX DEALER. WE HAVE IN STOCK THE #800 MIXER WAGON FOR TOTAL MIX RATIONS.

CUT FEED COSTS

ARTS-WAY Silamix
WITH NEW
ELECTRONIC WEIGHING



Model 700-A

Available in trailer, stationary or truck-mounted units

You'll never waste costly feed with an Arts-Way SILAMIX 700 A or 750 A & the new Arts-Way Elec-tronic Scale Mixes any feedlot ration in minutes and delivers it right to the bunks End ration guesswork by weighing each ingredient electronically as it goes into the mixer And you can weigh exact rations out to your animals

Ask us for a demonstration!

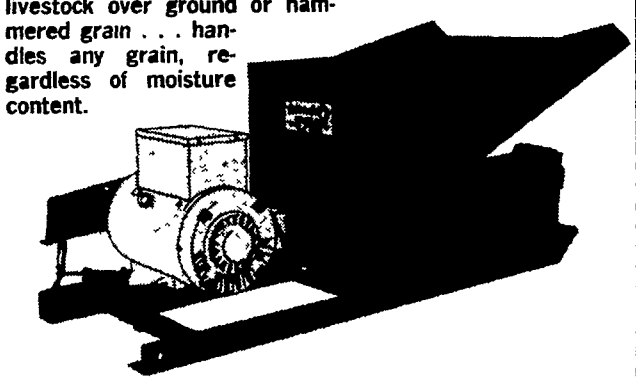
SPECIAL PRICE ON DEMONSTRATOR

FOR DETAILS ABOUT ARTS-WAY CONTACT OUR SALESMAN:

AUTOMATIC ROLLER MILLS

FOR SHELL CORN & SMALL GRAIN

Produces a crumbled, fluffy feed that's more digestible, more appetizing, preferred by livestock over ground or hammered grain . . . handles any grain, regardless of moisture content.



#200 ROLLERMILL W/3 H.P. MOTOR - LIST $1135.00

"DECEMBER" SALE PRICE $1000.00 (CASH F.O.B.)

Contact US For Details:
Ken Groff (Sales) Office 299-3722
Home 687-6668
Larry Hiestand - Office 299-3721
Home 273-7394

"LANCASTER" BELT FEEDERS
"LANCASTER" TAPER BOARD FEEDERS
"LANCASTER" DOUBLE-CHAIN CONVEYORS

STARLINE UNLOADERS	PATZ UNLOADERS
Protein Meters	Silage Weighers
Roller Mills	Grain Weighers
Hay Racks	Silage Carts
Water Bowls	Barn Fans
Ritchie Waterers	Silage Blowers 56"
Supreme Batch Mixer Units	Farm-Duty motors
Arts-Way Mixer Wagon Units	¾ to 10 H.P. in stock
#6/3 Electrical Cable	12" Wide Belt

High Pressure Water Sprayers w/Gas Engine
Replacement Chain for 6" & 8" Conveyor

USED EQUIPMENT

Starline Silo Unloaders 12'-14'-16' $1000.00
16' Silo Matic w/Motorized Winch..... $1200.00
Reconditioned 3-Phase Motors-Many Sizes .... $SAVE
New 1¼" Black Plain End Pipe ..... $0.18 per lb.

LONG

CONSIGN YOUR USED EQUIPMENT TO OUR LOT

LONG

FINANCING AVAILABLE

OFFERS CONSIDERED

RUBBER TIRED LOADERS

Trojan 4WD - GM Diesel - Model 154	$2500
[2] Case 1740D Uniloaders	$4000-$6500
Case 1816 Uni-loader - excellent	$3150
Owattona 1700 Uniloader	$3750
Ford Uniloader	$3300
Michigan 175 w/GM Diesel - clean	$8500
Terex 72-10 w/GM Diesel-all new rubber-rebuilt torque	$14,500
[2] Hough - 4WD - Gas -	$3750-$4750
Trojan 304A w/GM Diesel	$11,600
JD 1010 w/ldr	$3900
Hough 90E-articulating	$28,000
Lorain - 4 WD w/cab	$8500
CAT 944-excellent-new tires-rebuilt cab	$14,500

MISC. CONSTRUCTION

Chicago Pneumatic 125 Compressor	$2000
Lincoln Portable Welder	$1500
Bay City 65 Dragline-50' Boom	$5500
[3] CAT 641 Scrapers-64F series	$18,000 choice
[2] CAT 631A Scrapers	$16,000 choice
5 set Forklift Forks	$150 & up
(40) Backhoe & Loader Buckets	$75 & up
Roll Bar	$400
[5] Sweepers-mounted and self contained	$200 & up
[2] Rubber Tired Roller	$1500
3 pt. stone rakes	$500 & up
3 pt. aerator	$475
Schramm Air Compressor	$1975
4 wheel industrial carts	$75 each
[4] 1 ton Rollers	$500-$2100
Galion 3-5 ton Roller	$3000
Lorain Truck Crane-Cummings Diesel-18 ton	$5500
Galion 10 ton roller - clean	$4900
Hobart Portable Welder - 6 cyl. gas engine	$895
GM 3 cyl Diesel Engine w/Jaeguar irrigation pump	$3800

CARS & TRUCKS

1971 Ford - Cat Diesel - Rollback	$8500
1966 Chevy Tilt Bed - PS - Clean	$4750
1977 Chrysler Cordoba - Loaded	$6000
1977 Transtar Eagle, 5000 mi. - Cummins-AC-P. Window loaded - Polished Budds	$36,500
NEW - 1978 Chevy Pickup-PS-PB-Auto	$5750
1975 Ford Granada	$3500
1972 Mack DM400 dump - full screw - clean	$14,500
1976 Int. Transtar-318 loaded-COF 4070-30,000 mi.	$32,500
1975 Chevy Monte Carlo - excellent	$4000
1973 Chevy Malibu-Laguna-excellent-23,000 miles	$2700
1975 Cadillac Fleetwood Brougham	$6500
1977 Chevy Cheyenne Pickup - loaded - air	$6350
1977 Chevy 4 WD Pickup-PS-PB-Auto	$6350
Demo-1977 Cadillac Coupe Deville	$9700
1977 Chevy C30 Rollback - 15' bed - winch	$9950
1967 Ford Shelby GT500-4 speed-sharp-PS	$7000
1968 Ford Shelby GT350-conv. 4 speed-sharp-PS	$7500
1976 GMC Customized Van-Midas Touch-loaded	$7500
1964 Chevy Impala Convertible-PS-PB-Auto	$1275
Ford Cattle Truck	$1900
1972 Int 4WD Pickup & snow plow	$1750
1964 Corvette - 2 tops - 4 speed	$4900
1930 Model A Ford - 2 dr sedan	$4500
1976 Chevy Pickup - PS - clean-low miles	$3795
(2) NEW 1978 Chevy 4WD Pickup-PS-PB-Auto	From $6975-$7795
1965 Ford - 10 wheel dump - diesel-10 speed RR-PS	$4000

CORNHEADS - WE FIT ALMOST EVERYTHING

Int 229	JD 643	MF QT grain head
[5] AC E 240	(7) Mc 227	MF 20
[2] AC A 240	Mc 733	[2] MF 222
[2] AC E-III 240	Mc 10' grain head	MF 24
AC A 330	[3] Mc 327	[2] MF 422
AC FL 330	Mc 13' grain head	MF 43
[2] AC C 440	[6] JD 234	MF 621
AC F 430	[2] JD 313	Oliver 2x40
AC GL 440	[2] JD 435	Int 429 WN
AC C 630	JD 443	MF 421
[2] JD 10	Extra Grainheads	MF 44
[2] JD 205	[4] MF 300 grain head	MF 322
[3] JD 210	[2] JD 244	[2] MF 22
[2] Int 228	AC F 440	Case 4x40
MF 321	MF 33	[3] Oliver 522
Oliver 531	NH 3x30	
[2] JD 434	Oliver 541	

WANTED TRACTORS & COMBINES FOR SALVAGE

FLAIL CHOPPERS

JD 16A	$1575	Woods 4 row-stalk-chopper	
[3] JD 15	$750 to $650	very good	$1350
Int.	$375		

USED CABS

CAB OFF Int 966 w/radio	$1350
CAB OFF AC 190XT - Series 3	$1275
(3) CAB OFF CASE 930 - Choice	$675
CAB OFF MF 82 Combine	$675
CAB OFF INT 203 Combine	$895
CAB OFF AC 220	$1350

SPREADERS

[4] Tank Spreaders	$195 & up	NI #18-clean	$950
NH PTO	$595	[3] Int. Cub	$595 & up
NH tandem axle	$2500	Oliver PTO	$495
NI #10	$650	Small Schultz - new	$695
JD	$500		

FEED MILLS

Gehl	$1695	Wetmore (new)	$3250
[2] NH 350	$975-$1495	NH 352	$2475
[3] Hammermills	$195 each		
JD	$500		

CRAWLER DOZERS

CAT D9G	$55,000	Int. TD 24	$2500
Int. T6	$1800	Case w-winch	$2000
JD 450 6 way-clean	$9000	JD 350B w-6 way & ROPS 1970	$5750
CAT D4	$2500		
JD 2010	$5500		

UNI SYSTEM EQUIPMENT

[2] NI 729 A Sheller	NI 3x30 Harvester Head
NI 726 Husking Bed	[2] NI 2x40 Harvester Head
[4] NI 710 Combine Unit	[3] NI 2x40 Cornhead
[3] NI 713 & 711 Grain Head	[2] NI Uni Pickup Head
[2] NI 4x30 Cornhead	NI 702 Uni Tractor - gas - sharp
[2] NI 3x30 Cornhead	NI 702 Uni Tractor - diesel
[2] NI 3x40 Cornhead	

CORNPICKERS

NI 325 30" Picker - 12 Roll	$3600
NI 325 30" Sheller	$2950
NI #10 1 x pull	$1375
[3] NI 8 roll mtd. & 12 roll mtd.	$500 & up
NI 323 1 row pull	$2500
[2] NI #7 1 row pull	$295
NI 2x40" sheller	$1900
[2] Int. 234 2x mtd.-clean	$2750
[2] Oliver #5 pickers	$875-$1275
NI 311 2x40	$2250

FORKLIFTS

White - Pneumatic	$3500
Clark 5000 lb. Pneumatic	$2250
York-Baker - air tires - clean - 6' forks-excel	$10,500

BACKHOES

Int. 3414 Diesel - poor condition	$2900
(2) Case 580B - clean - new paint - new tires	$12,500
(2) Ford 4500 - ROPS - loader only - Torque Conv.	$6900
(2) Case 33 Hoe Attachment-excellent	$2500-$4250
JD 2010D - cab - runs good - clean	$5800
(2) JD backhoe attachment	$1500-$2500
Sherman Backhoe Attachment	$700
JD 500 B - 1969 excellent - sharp	$13,500
White-Oliver-500 hours-like new-sharp ROPS	$13,500
Long 3 pt. Hoe Attach. - NEW	$3450
Case 580 CK - clean	6750
ARPS - 3 pt - like new	$2750

TRAILERS

1978 Fontaine 42' drop deck	$9850
New Horse Trailer for 2 horses	$1875
1977 Delta Combine Trailer - 44'	$11,000
Hay Trailer - 40' long - single axle	$1250

LOG SKIDDERS

Pettibone	$5500
Franklin 160 w/grapple	$8500
INT S7B	$8500

CRAWLER LOADERS

Int. 100C	$12,500
AC HD 6 w/ripper	$3250
CAT 955K w/cab	$19,500
JD 450 - clean - 1970	$8500
Case 450 Loader & Backhoe-1971-super clean	$13,750
Case 1150 - w/ripper - fair	$5850
Int. 150B powershift-clean	$8250
JD 1010-clean	$4800
Int. TD9	$2000
Cat 983 w/ripper	$58,000

"FARM TRACTORS"

JD A	$875
JD G	$875
JD B-New Tires	$875
JD 720 Diesel	$2850
(3) JD 830 2 cyl. Diesels	$3500-$4000
(2) JD 730 direct electric-one with WF	$3000-$3250
JD 420 w/power steering	$1450
JD 820 2 cyl. Diesel	$2500
JD 2040 w/Loader - 100 hours - demo	$9500
[2] JD 4020 Diesel WF - powershift	$7500
(2) JD 3020 Diesel - 3 pt.	$5750 & up
JD D - 2 cyl.	$1500
JD 620	$1975
(2) FARMALL 560 FH	$2800-$3000
FARMALL C w/ldr.	$1750
(2) FARMALL Cub - plow-cult-clean	$2275
FARMALL 130 - clean	$2250
FARMALL Cub w/Woods rotary mower-hydraulic	$2000
FARMALL M w/loader	$1375
FARMALL 350 Diesel	$1275
FARMALL 140 w/sickle mower	$1650
FARMALL Cub - F.H. - Woods mower	$3950
FARMALL 200 FH - plow - cornplanter - platform cutl. - mower	$3250
FARMALL 1456 - clean 20.8x38	$10,000
FARMALL 966 w/cab - 2000 hours	$11,750
FARMALL 706 Diesel - WF - 3 pt. - clean	$6500
FARMALL 706 German Diesel	$6950
FARMALL 806 Diesel - clean	$6950
FARMALL 806 Diesel-CAB-WF-3 pt.	$7250
[3] FARMALL 1206 Diesel - CAB-WF-3 pt. - clean	$8250-$8750
FARMALL 1466 w/CAB-AIR-3 pt. WF-2000 hours	$13,950
FARMALL 1066 w/Cab, 1400 hours, excel.	$13,750
FARMALL M w/New Idea 12 roll mtd. picker-clean	$3500
FARMALL 706 - Tricycle - FH - Diesel	$5450
FARMALL 856 - CAB-WF - 3 pt. - clean	$9750
(2) Ford 4500 w/loader-roll bars-counter weights	$6900
(2) AC D21 w/duals	$4900-$7000
AC C w/cultivator	$975
[2] AC G w-attachments	$1250-$1500
AC D15 w/loader & tamper	$2600
AC 220 w/cab - clean	$9000
AC 190XT series 3 w/cab - sharp - WF	$8500
(2) AC D17 - gas - power steering	$2250-$2750
AC WD w/3 bottom plow	$1250
(2) Oliver 1655 G&D-WF-over under shift-clean	$5800-$6750
OLIVER 1650D	$4500
DEUTZ 9006 - WF - clean	$5900
FORD 5000 4 WD - Diesel - new tires	$6900
FORD 4000 - Diesel - try - clean	$4700
FORD 8N - WF - 3 pt.	$1475
FORD 5000 WF - gas original	$4900
FORD 2110 w/loader-900 hrs.-like new-3 pt - power steering	$5900
[4] FORD 5000 - WF-PS-Diesels-1 w-loader	$3500-$4850
MM G 1000 Diesel - WF	$3500
MM G900 Diesel - WF	$4500
[3] [15] CASE 930 Diesels	$1950-$4500
[3] CASE 1030 CK	$3900-$6750
CASE 2470-CAB-air-3 pt. - 2200 hrs.-23.1x30 tires-clean	$19,500
CASE 1470 w/CAB-3 pt.-28.1x26 tires	$14,500
MF 1130	$7500
Steiger Bearcat-Cab-Air-3 pt. - 1700 hours-23.1x30 tires - sharp	$18,750
	Straight Sale $5248
LONG 360 - List $6592	$5750
LONG 445 w/Loader - 500 hours list $9043	$5664
LONG 460 - List $7053	$6445
LONG 460 4WD - List $8318	$6645
LONG 460 4WD - List $8570	$4900
LONG 560 DEMO - List $8594	$6586
LONG 560 - List $8594	$7997
LONG 560 4WD - List $10,047	$8176
LONG 560 4WD - List $10,229	$10,566
LONG 1100 - List $12,569	

COMBINES

MF 35 pull type	$1250
Mc 80 pull type-excellent	$2000
MF 510 - quick tach-gas-priced to sell	$8500
MF 300 - No Cab	$1500
Int. 203 w/cab	$1,500
[2] MF 82	$800 each
NI 702 Diesel w-cab-combine & grain	$10,000
NI 702 Uni Outfit-gas w-cab-sharp-combine & grain	$9000
MF 410 w-cab	$6500
MF 300 w-cab	$5000
MF 300 cab-fire damage	$1500
JD 30 pull type combine - auger feed	$775
AC Gleaner F-gas-cab-clean-4x30" corn or 4x40"	$11,900
AC Gleaner E III-gas-cab-clean-2x40" corn	$6750
[3] AC Gleaner E-cab	$3750-$5000
JD 3300 Diesel-cab-350 hours-like new	$18,500
AC Gleaner C II-cab-4 row corn	$7500
JD 95 w-grain & 4-row corn - cab	$3500
Extra Grain Heads available	
Int. 615 - cab-brand new	$15,000
JD 12A	$400

LONG

WENGERS' INC.

LONG

HOURS:
Mon thru Fri 7:30 - 5:00
Sat Mach Dept 7:30 - 3:00
Parts Dept 7:30 - Noon

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147 OR 717-273-9089

MISCELLANEOUS

For Sale - 12" chain saw, space heater $100 each; 27 KW alternator only $1350.00. Delivery $50.00. 215-445-6409.

For Sale - Meat grinder, 3 hp. Hobart #32, head 3-15/16 inches, very good $500. 717-942-6933.

MISCELLANEOUS

Wanted - Hired help for Spring of 1978, $300 month. Purebred Jersey bull for breeding Holstein heifers. Steel wheels for MH 44 tractor, will trade rubber. John S. Fisher, Quarry Rd., RD 2, Paradise, Pa.

SPECIALS

YEAR-A-ROUND CABS—YOUR CHOICE TO FIT:

Oliver 1550-1555-1650-1655-1755-1855-1955-1750-1850-1950-2-105-2-70-2-85
Int 544-656-706-756-806-856-826-1026-1206-1256-1456-666-766-966-1066-1466-1468-574-674
J.D. 2510-2520-3010-3020-4010-4020-4320-4000-4030-4230-4430-2840-2640-2440
AC 190-190XT-200-210-220-7030-7050-170-175-180-185-
Ford 5000-7000-8000-8600-9000-9600-6600-7600

Cabs Include:

1. Two Toned Matched Paint
2. Tinted Safety Glass
3. 2 Removable Doors
4. Windshield and Windows Which Open or Remove
5. Mounting Brackets
6. Reinforced Roof
7. Sky Hooks
8. Pre-Assembled All Welded Construction
9. Deluxe Interior, Completely Upholstered [Including Roof] With 1" Thick Foam Rubber Covered With Perforated Vinyl
10. [2] Front Light Brackets
11. [2] Rear Light Brackets
12. Extra Heavy Duty Window and Door Hinges
13. [2] Extra Large Steps
14. All New Rubber Mounting
15. Special Sound Resistor Pad Covering Entire Tractor Platform, Plus Quality Long Lasting Heavy Floor Mat
16. 2" x 4" Steel Tubing Frame
17. Cab Completely Rewired With Quick Clips Front and Rear and With Fuse Block
18. All Wires Are Concealed Within Frame of Cab
19. Fender Area Recessed For 30" Rows
20. Roll Protected And Crush Proof
21. Twin Fresh Air Fan
22. Heater
23. Defroster
24. Donaldson Air Filter
25 Windshield Wiper

PRICED AT OUR LOT
only $1695.00
Fenders traded in if you wish

CORNSHELLERS & GRINDERS

[5] Int. 234 sheller units
JD 227-237 sheller units
[3] MM E portable sheller
[10] NI shellers & grinders for 2 row pull & mounted pickers
Ottawa PTO portable sheller
Sheller for Oliver 2X pull - like new
[3] JD 43 Cornshellers - PTO

TRAILER SPECIALS

New Hudson 3x-36,000 lb.	Special $4680
New Hudson 1x-6,000 lb.	Special $1397
(2) Hudson 2x tag-a-long-12,000 lb.	Special $1982
[2] Hudson 3x tag-a-long-12,000 lb.	Special $1530
New Snowmobile Trailer	Special $379
New Hudson 2x-8000 lb	Special $1067
(2) New Hudson 3x-16,000 lb.	Special $2367
New Hudson 2x-24,000 lb	Special $3839

NEW & USED DUALS ON STOCK

CUSTOM HAULING DONE
We Use:
42' Drop Deck
44' Combine Trailer
Detachable Lowboy
Tandem Axle Tractor

NEXT CONSIGNMENT SALE
MONDAY, DECEMBER 19
9:30 A.M.

WENGER'S INC.
MYERSTOWN, PA.

PHONE DAYS 717-866-2138
NIGHTS 717-866-7147
OR 717-273-9089

MISCELLANEOUS

For Sale - Wood burning cook stoves. Choose many colors. Also, FISHER HEATING STOVES. Earl Cole, RD 2 Oxford, Pa. 19363. 717-529-2740.

For Sale - Approximately 120 x 48" x 48" heavy constructed wooden pallets. Phone 717-626-8538. Nelson Weaver and Son Whse.

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators.
MYER'S GAS REFRIGERATION
RD 1, Leola, Pa.
Ph: 717-656-7169

Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs.
ESCH FLOOR COVERINGS
¼ mile N. of Bird-in-Hand on Beechdale Road

Steel and cast iron plow shares and parts, steel 1 to 8 horse trees, yokes and wagon tongues, mower knives, Starline water bowls, anti-freeze and grease, hydraulic systems made to order, welding done. Daniel S. Glick, Box 297, Rt. 1, Bird-in-Hand, Pa. 17505, NE of Bards Crossing, Rt. 23 along Windy-tore Rd.

For Sale - Fresh and cured sawdust. 12-14 ton loads minimum. Ph: 717-444-3682.

For Sale - Cypress boards, all sizes & lengths. Good for paneling, fencing & siding. Ph: 215-268-3263.

1 used Peerless Bucket-A-Day stove in good condition. Also, woodburning water heaters and Hot Rock stone lined range boiler tanks. David K. Stoltzfus, 382 Newport Rd., Ronks RD 1, Pa. 17572 on Route 772, 2½ miles South of Leola.

For Sale - Belsaw hand saw filer, model #1200, and Belsaw Sharp-All model #1055, sharpens all tools and circular saws, like new save $300. 215-495-6920.

RUBBER STAMPS
Made To Order
Ink Pads Available
Write or call after 6 P.M.
Gary Hess
451 N. George St.
Millersville, PA
717-872-6245

GENERATORS
USED
15 KW, PTO, 120/240, 1 ph.
25 KW, PTO, 120/240, 1 ph.
40 KW, PTO, 120/240, 1 or 3 ph.
12 KW, PTO, 115/230, 1 ph.
5 KW gen. set, 115/230, 1 ph.
1.5 KW gen. set, 120/240, 1 ph.
NEW
5 KW gen. only, 120/240, 1 ph.
4 KW gen. only, 120/240, 1 ph.
L.J. EDWARDS
PHONE 717-733-6618

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle.
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

MISCELLANEOUS

For Sale - 2 2-3 room heaterolla, 6 ft. bull dozer, angle blade will fit Case uniloader. Delta unisaw 10 in. tilting arbor saw, good shape. Ph: 215-445-6061 Conestoga Valley Dairy Farm, Martindale, Pa.

Wanted To Buy - Colored plastic baler twine, please state price. Melvin Stoltzfus, Box 80, Rebersburg, Pa. 16872.

For Sale - 1 9x12 Penn walk-in freezer with 3 hp. Kramer Thermo-bank refrig. system, 1 9x15 Penn walk-in cooler, no refrig. system. Completely disassembled, asking $2500 for both. 201-584-4386.

For Sale - Console piano, 2½ years old, excellent condition; 8 pt. deer head, mounted. 717-866-6791.

GAS-LITE NAPHTHA. We have a very satisfactory fuel for gasoline lanterns and can save you money in barrel lots. We deliver with tank truck in nearby area and those at a distance can haul in their empty drums. Best to give an hour or two notice when bringing drums to be filled. W.L. ZIMMERMAN & SONS, Intercourse, Pa. Ph: 717-768-8291.

For Sale - Used LP Gas 30 gallon hot water heater only used about 9 months, like new. 717-442-8750.

For Sale - Sundial, cast with zodiac, perfect condition, indoor/outdoor use, $15 unused. Hyde's pole wild bird feeder $6, Chicadee sunflower feeder $1.50. Window feeder $2, Power Squadron pilots book $8, horse's head, bridle, halter hanger, old, perfect $8, all prices post paid. Happiness Hills Farm, RD 3, Addison, NY 14801.

BUTCHERING EQUIPMENT FOR SALE
Meat Saws, Grinders, Stuffers, Slicers, Splitting Saws, Tables, Knives, Etc.
New & Reconditioned
MARTIN BAMBERGER CO.
4110 Pinkney Rd.
Baltimore, MD 21215
(301) 358-9700

Wolverine Shoes
Durability and Comfort.
Shoes and Boots for the entire family.

LEID
SHOES & SADDLERY
Kutztown R1,
Berks Co., Pa.
215-682-7926

MISCELLANEOUS

WOOD SHAVINGS. Ideal for work-ways and bedding. $25.00 per ton picked up or bulk load at $200.00. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co., Inc. Ph: 717-656-6811.

MISCELLANEOUS

SAWDUST & SHAVINGS
BAGS & BULK
ED. VOGT & SON
Medford, NJ 08055
PH: Eve. 609-654-7489

VIRGIN HIGHEST QUALITY

Guaranteed Plastic Mulch For Farm Use
(Polyethylene)

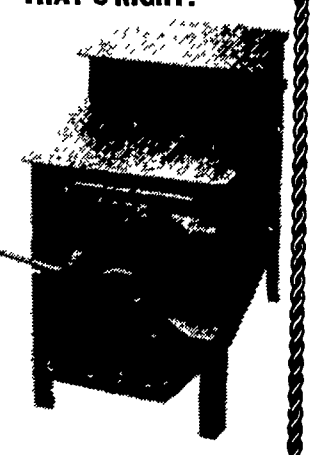
$14.50 per 1000 x 4 ft. 1.5 mils
$28.95 per 2000 x 4 ft. 1.5 mils
$10.95 per 1000 x 3 ft. 1.5 mils
$21.80 per 2000 x 3 ft. 1.5 mils

All widths and sizes silo covers, greenhouse covers, etc.
Direct from factory to the farmer. Order before Jan. 1st. 1978 as prices will increase.

Call 717-838-1438
or write Abe Risser, Rissers Farm Market,
Box 228, RD1, Annville, PA 17003
SAVE $ $ $ - ORDER NOW
Special Discounts on trailer loads.

THE "PAPA BEARS"

FOR LESS THAN $400? THAT'S RIGHT!



Don't get ripped off in the Stove Racket! If you paid $400 for the "Papa Bear" you've been had!
If you are thinking of buying a wood stove, you should come to my shop. I have many years of experience to share with you, and have sold hundreds of stoves in the past. I'll help you make the proper selection from the PAPA BEAR, MAMA BEAR, ASHLEY, SUBURBAN, KING, or even a FINE OLD KITCHEN RANGE! I have the original CANADIAN STEP STOVE DESIGN with large baffle plates from which Fisher (no baffles) builds their copy. Which is best? "THE BOSS" will tell you.
FISHER "PAPA BEAR" Heats 2000 square feet.
"THE BOSS" PAPA BEAR Heats 2500 sq. ft. for under $400 Guaranteed!
"THE BOSS" is definitely a BETTER STOVE!

Reg. Value $475. - Sale $375. While they last.
Visit our new shop in Lancaster County:
CALL 717-768-3870
or pick from 200 stoves at our warehouse in Adams Co. - 1 mile S. of U.S. 30 on Rt. 94.
10 Brands. 717-632-7419. 50 Antique Stoves.

REAL ESTATE

For Sale - 3 acre farmette with horse barn, 2½ story 10 room house, oil fired hot air heat, a beautiful view. Located 6 miles north of Lancaster. Ph. 717-733-9101.

For Sale - Lycoming Co. dairy farm, 125 A, 90 A tillable, 60 comfort stalls, pipeline milkers, bulk tank. 20x60 and 16x50 silos with unloaders, garage, 2 corn cribs, wagon shed, 40x70 machine shed, newly remodeled 3 bedroom farm house, cattle equipment and feed can be purchased separately. Ph: 717-458-5724.

135+ acres - Milton, Pa., good quality soil, huge bank barn, excellent condition, house available. Call 215-439-0272.

FARM - RD 1, Airville in York County, 133 acres m/l with large frame house, barn, and lots of out buildings. $179,500. BAUGHMAN-LEADER, INC. 1-717-741-3805 or 862-3869. (919)

REAL ESTATE

FREE CATALOG!
Describing numerous Pennsylvania camps, farms, acreage tracts, cottages, homes and businesses. Write Dept. LF-12, WEST REAL ESTATE AGENCY, INC., 2728 Murry Ave., Pittsburgh, Pa. 15217.

For Sale - 400 acres Susq. Co. Owner financing. 25% down, cattle and machinery available. Call 717-278-3948 after 7 p.m. or write J.H. Squier, RD 4, Box 43, Montrose, Pa. 18801.

Land For Rent in 1978 - 20 acres grazing pasture, 12 acre hay pasture, 4 acres farming land. Near Maple Farm in Akron. Ph: 717-859-1191.

For Rent - 90 acres tillable near Pine Grove, Schuylkill County with house, barn, shed. 215-929-0574.

For Rent - Stable, 2 miles SE of Lancaster. 717-392-5329.

REAL ESTATE

FOR SALE - 81 acre steer feeding farm, Brecknock Township, Berks County. Large 10-room stone home with 2 full baths plus 2 powder rooms. Wall to wall carpeting throughout house. Newly remodeled. 3 room guest house w-fireplace. Large bank barn 40'x100', feed lot macadamed and fenced. A-frame office building 24'x30'. 72 acres of cropland, 9 acres of pasture with stream and pond. For more information call 717-291-1855 - Lancaster Production Credit Association, 411 West Roseville Road, Lancaster, Pa. 17604.

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

FARM LANDS WANTED - Chester, Berks or Lancaster Co. - New Jersey. Give particulars and price. P.O. Box 162 Bala Cynwyn, Pa. 19004 or call 215-667-5329 evenings between 6 p.m. & 10 p.m.

For Sale - 155 acre farm in Tioga Co., large 9 room house, 2 barns, private setting, low taxes, immediate possession, by owner. 717-549-5882 after 4 p.m.

YORK COUNTY - about 6 miles from N.W. Bridge, 54 acres w/4 bedroom home, barn, tobacco shed, small stream and pond. $92,5000. BAUGHMAN-LEADER, INC. 741-330 or 862-3869. (783)

Wanted to Buy - Acreage tracts, Lancaster Co., 10 acres and up. Give details and price, principles only. Write P.O. Box 266 L-17, c/o **Lancaster Farming**, Lititz, Pa. 17543.

FARMS IN COLUMBIA CO.
Approx. 200 acres w/130 to 140 acres tillable with built-in financing.

Approx. 112 acres w/5 bedroom modern home, large barn with many extras.

Contact
Bill McDaniel
717-784-0498
J.L. VANDERMARK REAL ESTATE
Bloomsburg, PA 17815
717-784-2430

FARMS FOR SALE
All sizes. Dairy farms, hog farms, grain farms. Write:
JOHN LINDBERG
Real Estate
223½ North Main
Austin, Minnesota
55912
Or Call: 507-437-3580
Evenings 507-325-4543

DIAL FOR DEIBERT 425-3313

10 Miles S. of Sunbury
55 ACRE FARM
Bank-type Barn,
4 Bedroom Dwelling,
Heat & Bath
$69,900.
GEORGE DEIBERT, Broker
Klingerstown, Pa. 17941
Ph. (717) 425-3313

REAL ESTATE

Farm for Sale - Near Newville, 110 acres, more or less, with barn, outbuildings, level land, road frontage on three sides. Phone 717-776-3645.

DELHART, TEXAS - A GREAT PLACE TO GROW CROPS AND KIDS. Buy irrigated farmland starting in the $750 per acre price range and grow 150-200 bushel corn. Pay 50 cents-$1.00 property tax per acre. NO STATE INCOME TAX. Mild winters, 178 day growing season, and excellent local grain market. Friendly community and good school system. Free brochures available: Call collect day or night. 806-249-5613, 806-249-4000. Mike Justice & Associates, Box 501, Dalhart, Texas 79022.

BAUGHMAN LEADER, INC.
16 Leader Heights Road
MULTI-LIST
741-3805
REALTOR

FARMS AND FARMETTES

WINDY IRIS HILLS—22½ acre horse farm with large Victorian four bedroom home. 2 baths, center hall and nicely decorated interior. Fish stocked pond, fruit trees, and six steel enforced stalls. $125,000. (880)

GENTLEMAN'S 30 ACRE ESTATE—Relatively new Cape Cod house with 5 bedrooms, 1½ baths, new basement rec. room with fireplace. Four springs, bank barn, corn barn. $120,000 (886)

HORSE LOVERS DREAM—5 acres (fenced), seven excellent box stalls, four bedroom home, 2-zone Base Board Hot Water Heat. Huge fireplace. Convenient to York $74,900 (850)

STONE FARM HOUSE-BUILT 1848—Secluded with 5 fireplaces, 4 bedrooms, on 30 acres, 2 small ponds. $150,000. (881)

10 ACRE HORSE FARM—8 acres (fenced), bank barn, garage 3 bedroom 2 story house, baseboard hot water heat, minutes to York. $56,500 (819)

41 ACRES ready for development, 1277 ft. road frontage, Red Lion Kendale Area. (729)

206 ACRES THOMPSON, PA.-Susquehanna County, 1½ miles road frontage. Elk Mountain Ski Resort area. Very attractive 6 bedroom home with conveniences. $139,000. (720)

49 ACRE CHANCEFORD TWP. FARM—Very nice Colonial 2 story, 3 bedroom house with new Country Craft oak kitchen, all conveniences. Very nice barn equipped for steers Large block garage. (827)

SECLUDED 36 ACRE FARM ten minutes from East York, 3 BR frame home with BB HW oil fired heat, 30' x 60' Bank Barn, large work shop and other outbuildings. 24 Acres are tillable, and there are 8 fenced acres $95,000. (721)

REAL ESTATE

MOHAWK VALLEY
NY STATE
John Sadlon-Broker
315-823-0095
Farm: 246 acres, 75 milkers, ultra modern farm, $260,000. Ex. soil.

Farm: 162 acres, 125 tillable, 50 cows, full line mach. Modern brick house, excellent barn, $220,000 stocked & eq. $180,000 bare.

Farm: 240 acres, 80 cow barn, $90,000 bare.
Many Homes with Acreage Call for more excellent farms.

LYCOMING COUNTY
93 acre dairy farm, 50 acres tilled.
JERSEYTOWN
150 acre general farm
DAUPHIN COUNTY
80 Acre general farm
103 Acre general farm
90 Acre Dairy farm
NITTANY VALLEY
72 Acre general farm
165 Acre general farm
95 Acre general farm
WITWER REAL ESTATE
Merle Miller, Agent
717-285-3360
Joe Zimmerman, Agent
215-267-7963
Ephrata, Pa. - Office
717-733-4138

FARM FOR SALE
In Rock, Washington Township, Schuylkill County, Pa. 50 acres, 36 under cultivation, (leased to neighbor), wood lot, free-standing barn and small house, excellent driven well. Mobile home with septic tank and John Deere tractor with Mott mower also available.
WILLIAM MEDLICOTT
P.O. Box 159,
Bridgeport, Pa. 19405
Call collect:
215-279-9711

MOHAWK VALLEY
Dairy farms in and around the "Mohawk Valley." One of the largest selections of farms in this Mohawk Valley area. All sizes, all prices.
When farm hunting, contact:
JOHN L. SUBIK, Realtor
27 West State Street, Johnstown, NY 12095
or Call: 518-762-4942 or 518-762-4451.

LEBANON COUNTY
Limestone soil, 2 sets of buildings with third house. Frontage on 4 roads, houses and barns in good condition. Favorable fine terms, possibly with seller. Land mostly tillable, 289 acres.
HERSHEY FARM AGENCY, INC.
Harlesville, PA
215-287-8888

BRADFORD COUNTY
#2073—157 acre dairy farm, 50 cows and equipment included. Tie stall and loose housing dairy barn. 2 silos - 7 room farm house. **$205,000.00.**
#2070—155 acre stocked and operating dairy farm. 23 milk cows, 2 tractors and all equipment. Sound barns and equipment shed. Good 9 room farm home with long view. A very clean farm. **$125,000.00.**
#2074—94 acre homestead farm. Includes pigs, chickens, 5 cows, work horse, 2 tractors and much equipment. Sound barn and out buildings. Large rambling farm house. $75,000.00.
UNITED FARM AGENCY OF PA, INC.
RD 1, Towanda, PA 18848
717-265-5924

REAL ESTATE

275 acres with double six parlor, 390 free stalls, 2 silos, etc. Also 315 acres with 176 free stalls, 2 silos, 2 stone homes, etc. 4 general farms from 122 to 307 acres. Owners say sell. Van Cleve Real Estate, New Oxford, Pa. 17350. Phone 717-624-8201.

WANTED
Farm with retail milk jug operation. Send response to P.O. Box 266L-9, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543.

HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183
Northumberland & Dauphin Co.
136 acres, large dwellings, bank barn for beef and hogs with Automatic Bunk Feeder, 2 concrete silos, large warehouse for bulk and bag fertilizer storage, truck scale under roof, 6 concrete grain silos, 2 grain bins, 3 story block chicken house with workshop, other outbuildings, creek frontage, well and spring water.
Nittany Valley:
142 acres, 80 tillable, 41 woodland, balance pasture, mountain spring, 7 room dwelling, 37.5 x 60 steel implement shed, no barn, 29% down, 7% interest 10 years to ?
Roy E. Haller, Agent
215-484-4844

REAL ESTATE

LANCASTER COUNTY FARMS
5 acre horse farm in Martic Twp., new raised rancher plus 5 acres of woodland.

93 acre steer farm in Manor Twp., large stone house and steer barn, 3000 ft. road frontage.
TOWN & COUNTRY REAL ESTATE
717-299-4885 or 717-299-2391

THIS WEEK'S SPECIAL
75A of the best level limestone land, large beef barn, tobacco shed, nice home built early 1800's. Call today to see this fine Lancaster Co. farm.

123A 2 concrete silos, beef barn, hog fattening house, nice double home.

229A Limestone soil, 112 stalls, 4 silos, bunk feeder, pipeline milker, nice 8 room home, all buildings in excellent condition.

17A Stone home and 1822 stone mill, make offer.

330A 127 stalls, 5 Harvestores, 2 nice homes, 3 barns.
BLUE BALL REALTY
Blue Ball, PA
Phone: 717-354-4536

FARM FOR SALE
$495,000
Immediate occupancy. Two hundred and eighty acres along Susquehanna River. Three new silos and new metal-free stall barn. Capable of milking 217 cows. Can also house 100 heifers and drystock. Located in Wyoming County, PA.
For more information phone:
PETER H. SANDFORT, JR.
717-836-5151 or 5152

UPSTATE NEW YORK
BEAUTIFUL FINGER LAKES AREA
250 acres, 36 stanchion barn with addition, extra barn, 3 acres vineyard, large 8 room home with bath and furnace.

141 acres, real good 9 room home, kitchen, bath and furnace, 2 barns, over 500 head finishing hog house.

433 acres, mostly level, 63 free stalls, parlor, 3 barns, 3 harvestores, 2 homes.

234 acres, 41 stanchion barn, cleaner, tank, 2 silos, 3 bedroom home.

112 acres, 34 ties, silo, tank, 3 or 4 bedroom home, with modern kitchen, bath and furnace. Cattle available. Excellent location.

150 acres, early, gravelly soil, 40 stanchions and ties, cleaner, tank, 2 silos, machinery barn and shop, 55 acres of alfalfa, 4 bedroom home with bath and furnace, excellent water supply, 60 cows, 4 tractors and other machinery.
J.R. ALLEN, REALTOR
Dundee, N.Y. 14837
607-292-3180

MINNESOTA DAIRY FARMS
310 acres top producing grade A dairy farm, southern MN. Kenyon-Floyd soils, level laying land with 50 tie stall dairy barn new in 1971. 55 x 100 machine shed new in 1975, new silo feeding system, pipeline milking, farrowing barn new in 1975, finishing hog barn, grain storage, well kept, excellent 2 story home, formal dining area, double garage, OWNER FINANCING. Selling due to health. Must be seen to appreciate.

305 acre dairy or beef farm southern MN, 3 bedroom rambler home, new 1974, with double garage, large new machine shed, new silo with auger system, large dairy barn, cattle shed, good laying land.

OTHER FARMS AVAILABLE

CONTACT:
Buy-Rite Realty, Inc.

Jerry Dallmann	Lyndon Geselle
Dodge Center	Rochester
507-374-6328	507-288-6909

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FRANKLIN COUNTY
190 acre farm, road frontage, spring, good bank barn, implement shed, 3 bedroom home, land lays nice.

FULTON COUNTY
173 acre farm. Approximately 65 to 70 acre tillable, rest woods. Frontage, several springs. Scenic view. House, barn, and out buildings. Owner will sub-divide.

KOONS REAL ESTATE
717-597-8300
Box 153
Shady Grove, PA. 17256
Sales Associate - Galen Winegardner
717-349-7502

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman-Eugene Kreider

NEW YORK STATE
SHOW PLACE FARM with 385 acres, 100 cow barn with 3 silos, 800 gal. bulk tank. Most beautiful farm house you've seen, tenant house, a real well kept farm with very attractive buildings. Owners health - only reason for sale. Asking $225,000. Reasonable offers accepted. Machinery and cattle also available.

WE HAVE OTHERS - ALL SIZES AND PRICES
WE SELL FARMS

DECKER REAL ESTATE
MEL MANASSE - Farm Real Estate Representative
Sale Barn Buildings
Whitney Point, NY 13862
607-692-3365 607-692-4540 (eves)

CHET LONG REAL ESTATE
•RESIDENTIAL •COMMERCIAL •FARMS •LOTS
120-B LAKE ST. PHONE 733 9801 EPHRATA
•AUCTIONEERING •APPRAISAL SERVICE

FARMS FOR SALE

Reinholds, R.D. 1, about 72 acres - 25 tillable & 47 woodland; sandstone soil; 2 springs & pond; 3 bedroom house has 1½ baths, kitchen, living rm., dining rm., new hot water oil furnace; like new roof; aluminum soffits; large barn.

Lititz, R.D. 1, along Lincoln to Brunnerville Road, about 39 acres. Large brick with stucco house has a slate roof & oil hot water heat. Frame bank barn with concrete floor & barn yard; extra extension for hog pen.

Ephrata, R.D. 1, Indiantown Road, about 79 acres. 100 year old log house with siding has oil hot water heat, new Kountry Kraft Kitchen, 4 bedrooms. Barn, tobacco shed holds 5 or 6 A; pig sty; implement shed; chicken houses; 2 silos - 1 with bottom unloader.

CHET LONG REAL ESTATE
120 Lake Street, Ephrata, PA 17522
717-733-9601

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ERA member broker

Farmers - call us collect on these farm properties to set up an appointment at your convenience to inspect these and other farm and rural properties.

SNYDER COUNTY'S LARGEST LAND & FARM BROKER

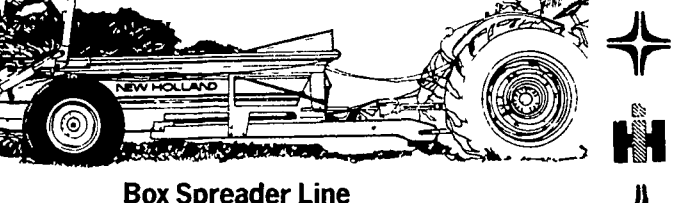
F7-212 Farm with potential. Here is over 200 acres farm fronting on 2 roads, Approx. 75 acres open. Good older 2 story house. Bank barn and other outbuildings. $119,000.

F7-188 Port Trevorton area farm. 110 acres. Approx. 70-80 acres tillable. 2 story frame house. Bank barn, other outbuildings. Only $92,000. Buyer Protection Plan on home.

F7-75-77 Larger dairy operation. This Dairy Farm in Snyder County has new well with plenty of water. Double herringbone milking parlor. Approx. 140 acres tillable. $185,000 buys over 200 acres plus 2 bank barns and much, much more.

More farms, land, and rural properties available.

THE BOWEN AGENCY
"PHOTOS BY WIRE"
22 North Market St. Selinsgrove, Pa. 17870
717-374-2165
Evenings call Realtor Assoc.
Phil Graybill 717-374-8038
Paul Kuhn 717-374-4144

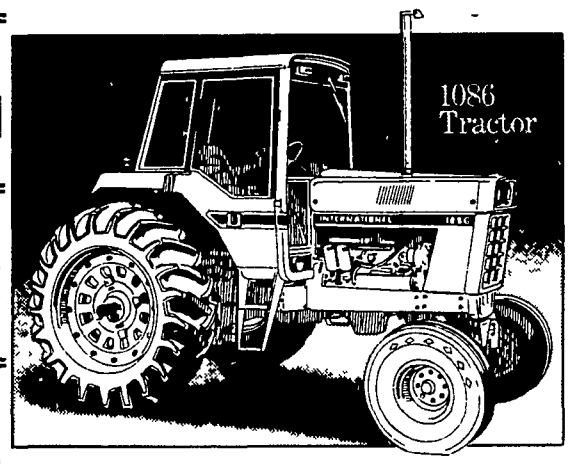


MODERN
HOG FACTORY
ON 80 ACRES:

Equipped to turn out 3,000 finished hogs yearly; two farrowing buildings, 30x80 brand new nursery, 40x124 finishing buildings, automatic mix-mill & equipment, 40,000 bushel grain storage, cement feeding floors, approved lagoon. Home built in 1974 with finished basement, five bedrooms, fireplace, central air, all oak furnished; additional smaller home.

FARIBO REALTY
BILL SHARKEY - Accredited Farm Land Member
101 Old Security Bank Bldg.,
Faribault, Minnesota 55021
1-501-334-5893

NOTICE: We are now moving to our new location. However, we are open at our present location. We are sorry for any inconveniences.
We will open at our new location, Rheems Exit of Rt. 283, on December 19, 1977.



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COMPLETE UNIT ON SKID

NEW HOLLAND WINTER BUYERS DIVIDEND
SAVE FROM $125 to $800
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Oliver 1750 Tractor - New Tires
MF 85 Gas Tractor
AC WD 45 Tractor
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IH 1066 w/cab, 20.8x38 tires
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IH 470 Disc 12 ft.
NH 327 Spreader - 135 bu.
NH 469 Haybine
IH 990 Haybine
JD 480 Haybine
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IH 650 Harvester - 2-row narrow
Fox high capacity Blower
NH 26 Blower
Gehl Blower
IH 51 Forage Wagon
IH 160 Bu. Spreader
AC 32 Disc Transport - 10 ft.
AC 28 Disc Transport - 9 ft.
Bushog Disc Transport - 10 ft

WAIVER OF FINANCE ON NEW AND USED EQUIPMENT
★ FORAGE EQUIPMENT TILL SEPTEMBER 1, 1978
★ HAY EQUIPMENT TILL JUNE 1, 1978

Walsh | ZIMMERMAN | Brillion | STIHL | WOODS | McCURDY | Gandy

MESSICK FARM EQUIPMENT INC.

2750 N. MARKET STREET PHONE 717-367-1319 ELIZABETHTOWN, PA.
JOHN KREIDER-HOME 367-6039 WARREN SPICKLER-HOME 653-4560

SPERRY NEW HOLLAND

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SOUTH CENTRAL PENNSYLVANIA FARMS
CUMBERLAND COUNTY

DAIRY (Newville)
110 Acre limestone, 93 free stalls, double 5 herringbone parlor, 600 gal. tank, 3 concrete stave silos (2000 ton), large 8 room brick house, center hallway, open staircase.

DAIRY (Carlisle)
103 acre limestone, 38 stanchions, stable cleaner, 2 silos, 400 gal. tank, beautiful modern 7 room brick house, open stairway, secluded.

GENERAL (Carlisle)
87 Acre limestone, no barn, solid modern 7 room brick house.

DAIRY (Carlisle Springs)
40 acres, shale, gently rolling, large bank barn with 32 stanchions, 2 silos, charming modern frame house, beautiful never failing stream.

ESTATE OR DEVELOPMENT PROSPECT (Shippensburg)
40 acres, 17 wooded, 1 or 2 ponds potential, special character.

ESTATE TYPE TRACT (Idaville)
14 acres with 8 in fruit, excellent character, beautiful view, partially wooded, lovely stream.

TWO TRACTS MOUNTAIN GROUND (Huntsdale)
18.6 acres and 25 acres.

If you are thinking about selling your farm, give us a call for a "No Obligation Appraisal".

John B. Niesley, Farm Representative
Home Phone 717-243-7575

GEORGE L. EBENER
139 West High Street
Carlisle, PA
Phone 717-243-6195

CENTRAL PA. FARMS FOR SALE

TIOGA CO. BEEF OR DAIRY - 183 acres, 60 tillable, good dairy barn, two silos, milk house, equipment barn, two story home w/new oil heating system, adjoining 200 acres available to rent with barn and silo, much more, call today! **OWNER FINANCING. $102,000.**

CHOICE BRADFORD CO. - 318 acres, 192 tillable productive farm. 108 tie stalls, three silos, equipment storage, four nice houses, ponds and much more. Price **$472,000.**

BRADFORD CO. LISTING - 770 acres, 500 tillable, housing for 130 milkers, 600 and 1000 gal. milk tanks, loose housing for 100 head of young cattle, 4 silos, 2 of them Harvestores, 3 houses in excellent condition. Can be divided. One unit with 520 acres with dairy set up and other unit with 250 acres with loose housing set up for dairy heifers, etc. This would make a complete family operation. Must be seen to be appreciated.

CUMBERLAND CO. - 300 acres, excellent Hagerstown and Duffield limestone soil, with fine brick home, 32,000 bu. shell corn dryer and storage. 500 ton ear corn storage **$2500 per acre.**

OPPORTUNITY FOR HORSE LOVERS - Fertile soil for general farming, ideal for a hog setup or a gentleman's farm. Deer hunting in the wooded valley at the rear of the farm. Liveable frame house, barn & other buildings. Along a quiet macadam road, frontage on two roads, air strip, etc. Just a little over one hour from Lancaster Co. Under **$80,000** for 72 acres.

12 acres, 3 tillable, remainder woods, frontage on macadam road, less than one hour above Harrisburg off Rt's. 11 & 15. Priced for quick sale. **$11,000.**

We Need Good Farm Listings!
CALL TODAY!
Ask for one of the Farm Men at:

KINGSWAY REALTY
REALTORS
149 E King St Lancaster
Phone 299-0791
REALTOR

PAUL M. Longacre FARMS AND COUNTRY PLACES

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage **#139**

40 acre 8 room house and barn ready for renovation Located along Rte 663 Tremendous possibilities **$125,000 #111.**

FULTON COUNTY
181 acres, 123 T , large three story four bedroom frame house, modern kitchen and 1½ baths, large bank barn, 15 stalls, attached shed and other outbuildings **$165,000 #137.**

232 acre dairy farm, new 73 cow freestall barn with automatic bunk feeders Bank barn with 33 extensions, bulk tank, new machine shed, 2 concrete and 2 trench silos, large new brick home, 1 fireplace and barbecue pit, modern kitchen, dining room, 3 bedrooms, large semi-finished basement Absolutely beautiful Second house with 3 bedrooms and bath **$260,000 #163.**

FRANKLIN COUNTY
NEW
147 acre dairy farm, very nice 8 room house with full basement, bank barn, holding pen and 60 cow free stall Also corn crib & outbuildings Good location **$295,000. #180.**

DAUPHIN COUNTY
120 acre jug milk operation, beautiful free stall setup, 98 stalls & lot area w/100 ft auto feeder, double 6 herringbone w/feeders 1500 gal bulk tank, modern processing equipment Large walk in cooler w/nice sales store (2) 20x65 conc silos w/loaders A mod 3 bdr ranch house, 2 new ig metal multi-purpose bldgs , bank barn & other outbuildings Also 85 very good Holsteins, 50 heifers, and a full line of machinery A real nice operation of a good business, **$600,000.** Good terms available Also 500 acres available for rent **#178.**

BERKS COUNTY
120 acre dairy farm, beautiful 2½ story, 9 room stone house, modern kitchen, fireplace, 3 car garage, 62 stanchion barn with 2½" pipeline milker, 1000 gal bulk tank, 40 ft bunk feeder, silo, and other outbuildings A very nice farm **$267,500 #167.**

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society. **$375,000 #117.**

161 acre dairy farm, 43 stalls, pipeline milker, bulk tank and fixed equipment, 2 concrete silos with unloaders, reconditioned farmhouse with eight rooms, 3 bay shed/garage and full line of machinery and cattle A ready to go operation all for only **$335,000 #114.**

208 acre dairy farm Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings. 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable. Must be seen to be appreciated **$416,000 #101.**

BUCKS COUNTY
All stone circa 1776 completely renovated situated on 10 acres, large barn & other outbuildings **$125,000 #153.**

BRADFORD COUNTY
185 acre dairy farm, large 2 story frame house, 2 baths, 42 stall barn, 2 silos, heifer barn and machine shed 27 cows, 13 heifers and full line of machinery **$169,000.**

104 acre farm, 2 story 6 room frame home, bank barn & outbuildings **$75,000 #177.**

250 acre, 190 tillable dairy farm, 2 story, 8 rm frame house, modern kitchen, 2 baths, and large in ground pool Beautiful! 60 cow tie stall barn, 18 cow free stall pole shed with large machinery shed 750 gal bulk tank new 6 unit, pipeline, 20x40 Harvestore 20x56 and 12x35 silos, full line of machinery and 90 head of Reg Holsteins **$315.000.** 2nd house available **#158.**

155 acre dairy farm 64 stanchions, 2 silos, bulk tank & barn cleaner Modern frame house Machinery & cattle available **$141,000 #148**

77 acre dairy farm, 29 stanchion, 8 rm hse w/bath, new milk hse , w/400 gal tank (2) 14x30 silos w/unloaders Lg pole shed shop, machine shed & outbldgs **$89,000.** Machinery available **#179.**

WOODED ACREAGE
49 acres w/creek, 767 ft frontage, **$21,900**
47 acres w/455 frontage w/creek, **$19,100.**
43 acres, **$27,900.**
56 acres **$24,900.**
33 acres, 50 ft row, **$7,500.**

248 acre dairy farm 160 T , new dairy barn, 72 free stalls, 8 stall herringbone parlor, 800 gal tank, 80 cow bunk feeder 20x60 conc silo w/unloader, liquid manure, heifer barn and dry cow barn also storage barn, 2 story frame house, 7 rooms and bath w/upstairs apartment All for **$200,000 #115.**

215 acres dairy farm, 100 T , new 82 stall dairy barn, bulk tank, barn cleaner and heifer barn 22x65 silo w/unloader, 10 room frame house w/bath Reduced for quick sale, **$160,000. $150,000 #116.**

128 acre dairy farm, 96 tillable, bulk tank, barn cleaner, 50 stall barn and silo, 43 milk cows, 12 heifers, full line of machinery 6 room house and bath New 20x65 Harvestore, **$170,000 #127.**

110 acre dairy farm, 50 stanchion barn, 2 story shed, silos, machinery included Colonial type house, 9 rooms, 1½ baths **$98,000 #125.**

LUZERNE COUNTY
120 acre dairy farm, 2 story frame hse , 8 rms and bath, large bank barn & new dairy barn, 56 comfort stalls, 20x60 concrete silo with unloader, 10x50 silo, bulk tank and 3 acre farm pond 2 mobile homes 10x50 All for **$155,000 #159.**

82 acre X-mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2½ baths, fireplace, kitchen, etc Barn, grainery, silo, and garage 25,000 X-mas trees A nice home and a good business opportunity **$250,000 #172.**

10 acres wooded for **$15,000 #176.**

JUNIATA COUNTY
147 acre beef farm, good land, very nice two story 9 room frame house, large finishing barn for 140 steers, new calf barn and machine shed, 20x70 Colman silo, very nice place **$182,000 #164.** 125 acres avail for rent

160 acre beef and swine farm, set up for 100 steers and 300 hogs w/20,000 cap poultry broiler house, new woven wire fence around 30 acres of pasture, 20x50 heated farrowing house w/pens and crates Grain dryer for 300 bushel and Butler storage bins for 5000 bushel, also other outbuildings Beautiful 8 rm , 2 story frame hse. in excellent cond , 100 KW power plant with farm **$230,000 #160.** 400 plus acres avail for rent

CLINTON COUNTY
390 acres, 365 tillable, grain farm. Beautiful stone ranch house, 5700 sq ft , 4 bedroom, 2½ bath, mud room Second house, 2½ story frame, 5 bedroom, bath, full basement & large shop Third dwelling on Island of 110 acres, 2 story, full basement, 4 bedroom & bath. Also large 2 story barn A large & beautiful operation **$900,000.** Farm machinery available **#178.**

CENTRE COUNTY
70 acres, 60 T of excellent Hagerstown limestone ground Hoghut for 400 hogs - 90x40 w/heated floors and gas furnace. (2) 7 ton galvanized feed bins w/automatic feeding and watering systems Liquid manure pit Also 2 st. bank barn - 66x45 w/½ bottom set-up for hogs and ½ for storage, (conc) 60x22 conc block building and two car garage Well and hook-up for trailer All for **$97,500 #113.**

SOMERSET COUNTY
245 acre dairy farm, 215 tillable, all in two large fields Good ground, a picture place with very nice laying ground New 100 stall dairy barn with automatic feeding system, tile troughs, air flow system & built in mats Two Harvestores, 20x50 & 25x80. New pipeline milker system, dry cow & heifer barn & 40x90 machinery shed A real buy at **$335,000.** Ultra-Modern dairy farm **#183.**

YORK COUNTY
203 acre dairy farm, beautiful 150 comfort stall barn, pipeline milker, two 1000 gal bulk tanks, extremely large milk house with offices, dry cow barn with large hay storage above Very large concrete lots, two Harvestore silos 20x50 Large trench silo 10,000 bu grain bin. Two very beautiful homes A very beautiful farm **$475,000.**

160 acre, 130 T. beef farm, remodeled 8 room house, large bank barn, corn crib, and other outbuildings, nice laying land **$225,000.**

8 acres 8 room frame house, oil hot water heat, double corn crib, beautiful setting back off road with farm pond. **$58,000 #144.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated Raised price **$175,000 #145.**

ADAMS COUNTY
12 acre chicken farm 50,000 bird cap 4 times per yr on contract insulated controlled environment bldg 2½ story, 7 rm frame hse , 2 baths, 43x140 two story and two 42x288 one story chicken houses Also 8 crate farrowing hse ~~**$166,000**~~ **reduced to $145,000 #157.**

COLUMBIA COUNTY
147 acre grain farm, 130 tillable, very nice large field, gently rolling Large frame 7 room house, modern kitchen, new oil H O W heating system, barn & outbuildings **$150,000 #106.**

POTTER COUNTY
89 acre new 84 free stall barn, new milking parlor, silo, 10 room frame house 2 car garage, grain bin & outbuildings **$85,000 #102.**

40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
PHONE 215-679-5919

REAL ESTATE

REAL ESTATE

ALMOST ALL TILLABLE LAND 168 level acres, nice large fields. 48 cow barn, dump station, mow elevator. Good 4 bedroom colonial home, big rooms. **$95,000.**

96 COW PIPELINE BARN, Harvestore silo, 3 unloaders. Good 10 room home with modern kitchen. 70 Holstein milkers, young stock, 5 tractors, equipment. **$261,000.**

116 BEEF PENS in 4 matching barns on very attractive 200 acre beef farm. 9 room home in excellent condition, lots of picture windows, beautiful views. **Asks $120,000.**

2 FAMILY FARM, 117 acres, 90 tillable. 20 cow barn, bulk tank. 8 room home, oil heat. Also ranch home that needs finishing. 2 Case tractors, equipment. **$70,500.**

FREE LISTS

WIMPLE REALTORS
SLOANSVILLE, NY
518-875-6355
REALTOR

FIELD RENT BIDS

Sealed bids will be received until, and will be publicly opened at 2:00 P.M., Wednesday, December 21, 1977 for rental of two tracts of farmland which are portions of the Mount Joy Vo-Tech School premises:

Tract A - One plot of pasture land containing approximately 10 acres.

Tract B - Five separate plots of farm land containing approximately 37 acres.

Obtain bid forms and other information from Mr. Martin Gyomber, Principal, Mount Joy Vo-Tech School - phone (717) 653-2061 - or Lester J. Hornberger, Business Manager, Willow Street Vo-Tech School - phone (717) 464-2771.

Bid opening will be held at the Willow Street Vo-Tech School, 1730 Hans Herr Drive, Willow Street, PA 17584.

Area Vocational Technical School
Committee of Lancaster County

REAL ESTATE

REAL ESTATE

CENTRAL PA. FARMS

Centre County - New Listing - Operating **Dairy Farm,** 120 acres with 117 tillable, with highly productive, nice laying limestone soil, 2 story bank barn with 57 stanchions, complete pipeline milking system, new bulk tank, new compressor, 16x55 silo (new); 12x60 silo (new), 20x60 silo (6 yrs old), all with unloaders, very nice 2 story frame house with modern kitchen Good location with jug milk possibilities Additional land available for rent Fairly priced at **$225,000.**

Huntingdon County - Located in a beautiful area of Huntingdon Co , this property features a good, 2 story frame dwelling, good 3 bay cement block garage, large bank barn in good condition, and several miscellaneous buildings on 220 acres Approximately 80 acres is tillable and pasture ground The balance is woodland A small stream flows through the property, and it has an excellent view. **Ideal for horses, beef, hunting or weekend relaxation.** Priced at **$110,000,** owner financing available

Huntingdon County - Fine 150 acre **Hog Farm** with fairly new finishing barn, good 2 story frame barn with the basement converted for hogs, and a sound house The farm has 2 springs, which provide an adequate water supply In addition to 70 acres of clear ground, 10 acres have been planted to Christmas trees Priced at **$148,500** with owner financing available

Northumberland County - Excellent farm for **crop or livestock farming,** consisting of 170 acres with 162 tillable The farm features a stone house in very good condition, large 2 story bank barn, combination work shop and garage, separate implement shed - corn crib and miscellaneous buildings All of the buildings have been well maintained The tillable ground lays very nicely and is highly productive, with soil productivity ratings up to 130 bu of shelled corn The farm is located in an excellent agricultural area Reasonably priced at **$322,000.**

Centre County - 217 acre **General Farm,** 6 miles from State College, limestone ground, good buildings, **$280,000** - convenient terms available

Huntingdon County - Ideal for **general or livestock farming or for investment.** This farm contains 180 acres with 100 tillable, 60 acres pasture & 20 acres woodland Featured is a sound brick home built in 1842, excellent, never-failing spring water, a large 2 story frame barn with horse stalls & horse riding areas Located 2 miles off Rt 222 near Huntingdon & 7 miles from the Raystown dam Price reduced, must sell, **$124,500.**

Huntingdon County - Nice 277 acre **Dairy Farm** with 240 acres tillable, 33 acres pasture, & 4 acres woodland Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely Located 20 miles from State College Priced at **$275,000** with owner financing available

Huntingdon County - Good **General, Beef or Hog Farm,** 160 acres, 100 acres tillable, 30 acres pasture & 30 woodland large double house, barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water, pond & productive soil Only 40 minutes from Raystown Dam, the farm has good frontage & very low taxes Equipment available & it adjoins state game lands. Priced at **$128,000.** Owner financing with only 20% down

Blair County - 200 acre **farm and nursery.** Features 9 room stone Colonial house, 50'x80' barn and new 26'x91' combination greenhouse and shop Approximately 50,000 pieces of nursery stock plus large amount of equipment 94 acres tillable land, 76 acres pasture, 30 acres woodland Approximately ½ mile road frontage plus ¼ mile river frontage having a variable interesting topography with several limestone caves Great potential in scenic, historic Central Penna with mineral rights intact Priced at **$330,000** complete

PLANNING TO SELL YOUR FARM?
Our Farm & Land Department would be happy to talk to you without obligation, to explain our detailed farm sales program. We have had excellent farm sales this spring, and have prospects now looking for farms for the spring of 1978. Our Farm & Land Department specializes only in farm & rural land sales to provide the best professional service for the buyer & seller. We would welcome the opportunity to chat with you at your convenience.

Many land parcels available from one acre to 412 acres Located in Centre, Huntingdon, Clinton & Lycoming Counties Free Lists Available.

KISSINGER LEONARD & ASSOCIATES Realtors

FARM & LAND DEPARTMENT
Evenings Call:

Don Myers	PH: (814) 422-8111
Fred Strouse	PH: (814) 364-1705
Richard D. Reed (Bedford)	PH: (814) 839-4271
Larry W. Platt (Lewisburg)	PH: (717) 568-5563

245 South Allen St. State College
PH: (814) 234-4000
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OUR POLICY ON MACHINERY, PARTS & SERVICE
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WINTER SERVICE SPECIAL

ALL EQUIPMENT BOOKED NOW THRU JANUARY ▶ FREE TRUCKING!

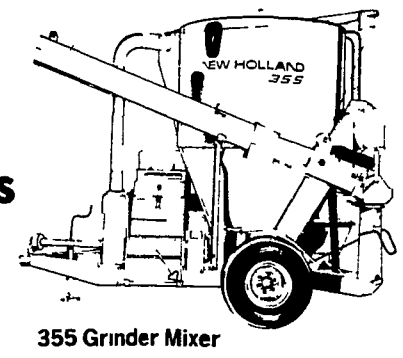
NOW IS THE PERFECT TIME TO GET YOUR TRACTORS AND EQUIPMENT IN SHAPE!

★CALL DICK BONHOLTZER TODAY AT 717-397-5179★

791 Spreader

SPREADERS BUILT EXTRA RUGGED TO WORK WHEN YOU'RE READY!

CHECK OUR PRICES ON GRINDER-MIXERS



355 Grinder Mixer

SEVERAL NEW MODELS IN STOCK AT THE OLD PRICE!

WAIVER OF FINANCE
- ★ Tractors & Combines
- ★ Hay Equipment Till June 1, 1978
- ★ Forage Equipment Till Sept. 1, 1978

IT WILL BE WORTH YOUR TIME TO CHECK WITH US ON THE NEW HOLLAND WINTER BUYERS PROGRAM - SAVINGS UP TO $800

NH TR 70 COMBINE DEMO. PRICED TO SELL

WE ARE A DEALER FOR FARMERS' FERTILIZER — Farmers' SINCE 1904

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

- Int. 4 Bot. Plow
- IH 370 disc harrow 11 ft.
- ARPS HD manure loader
- Int. 14 rake
- (2) NH 68 PTO baler
- (2) NH 225 Skid Steer Loader
- NH 350 grinder-mixer
- (2) IH 430 Baler w/engine (ex. cond)
- 37 IH Baler w/engine
- 10 ft. Brillion cultipackers
- NH 675 Spreader, 275 Bu
- NH 1880 Self Propelled Harvester w/3160 Cat engine, good condition
- (2) 717 Harvesters, 2 row narrow corn head & pickup
- AC CA Tractor w/loader
- 555 Int Harvester w/2-row corn head
- JD Blower
- NH 461 Haybine
- 69 NH Hayliner Baler w/engine
- IH 430 Baler w/thrower
- NH 1033 Bale Wagon w/stalk Retriever, excellent condition

STARLINE

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PARTS & EQUIPMENT

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350 Strasburg Pike, Lancaster, PA Phone 717-397-5179

CALL OUR FRIENDLY SALESMAN
BOB GANTZ
Office 717-5179
or 687-6002
Home: 653-5020

REAL ESTATE

REAL ESTATE

DAIRY FARM - LARGE HOME

180 acres, $165,000. Fertile soil and lots of spring and well water, rolling to level acres with about 100 tillable. Excellent 2 story home remodeled within, insulated 10 comfortable rooms, 4 bedrooms, 3 baths, NEW: living room & cobblestone fireplace, HW 2 zoned heating system, full basement, large kitchen. Large barn has 58 stanchions & 2 pens, pipeline milker, 16 x 40 silo w/unloader & automatic feeder, heifer barn has 25 stanchions & loafing area, office, blacktop road ways, country setting yet near town, schools, shopping etc.

$165,000

STEVE A. SKRAMKO, Realtor
RD 2 Richfield Springs, N.Y. 13439
(315) 858-1464

REAL ESTATE

House For Rent - Double dwelling, 3 br., 1½ bath, carport, 1 car garage, available Feb. 1. Amos S. Smucker, RD 3, Box 70, New Holland, Pa., 3 miles South of New Holland along Peters Rd.

MAILBOX MARKET

For Sale - AC D15, best offer over $2500, Esko bulk tank $500, Int 541 plow $500, AC spreader $500 717-653-8703

REAL ESTATE

EVANSBURG

Restored stone colonial home with 5 bedrooms, summer kitchen with fireplace, pool, apartment over garage, greenhouse, work shops and barn on 5 acres. Convenient to King of Prussia. $145,000. More land available, early settlement possible.

ISABELLA FURNACE

26 wooded acres with fast flowing stream, spacious and exquisite dwelling, stone furnace and other buildings for restoration. A challenge to the discriminating and all for $280,000.

HAROLD M.C. STOPFEL
Realtor
215-687-6663

NEW YORK STATE

CHENANGO COUNTY Gentlemens farm with 72 acres, most of them tillable, beautiful 36 stanchion barn with 2 silos, nice shop and many other buildings, beautiful house with additional apartment. Owner has lived here for 50 years and everything has been kept in excellent shape. Three minutes from Greene, NY. Must be seen $75,000. Terms available to qualifed buyers.

We have other farms from 40 cows to 229 cows.
WE SELL FARMS

DECKER REAL ESTATE

MEL MANASSE - Farm Real Estate Representative
Sale Barn Building
Whitney Point, NY 13862
607-692-3365 607-692-4540 (eves.)

NORTH CENTRAL PENNSYLVANIA FARMS

Bird or egg operation equipped and ready to go! 18,000 bird capacity, 2 story coop, automated cleaning system, much more! Small ranch home all on 14+ acres -**$65,000** **(#M1529)**

Old fashioned farm situated on dirt road. Features large home w/4 bdms and 3 bay garage w/paneled overhead doors, work&storage areas, cement drive, barn (38'x40'), 138 acres w/ approximately 100 tillable, Bradford County location **(#T-400)**

Dairy Special 238 acres with 130 tillable, 52 stall barn, garage, shop, 20'x64' concrete silo, barn cleaner, bulk tank Large 5 bedrm home w/knotty pine kitchen One for the "Tiger" at **$146,500** **(#W-201)**

Farmette with 10 acres, would make good horse, beef or sheep farm, in Brookfield Township with 2 story, 8 rm , 3 bedrm home, 40'x60' barn & additional ground available + owner financing! Only **$29,500** **(#M-1603)**

Dairy farm near Osceola, approximately 210 acres, 90 to 100 acres tillable, 80 head free stall barn, DeLaval milking parlor and 200 acres of lease ground on shares -**$98,000** **(#M-1602)**

Jug Milk Plant and Farm-81 tie stall barn with pipeline & barn cleaner, 2 silos, large garage w/apartment, Nice 3 bedroom home with wall to wall carpeting + fireplace, all in A 1 condition A going operation! **(#W-263)**

169± acre dairy or beef farm in Covington Township, has 44 stanchion barn, 530 gallon tank, pole barn, heifer shed, and 3 bedroom home - owner will trade or add cash for larger farm **(#M-1610)**

225± acre farm with barn (40'x50) and 2 bedrm home, land has development potential with many building sites, 30 acres @ $20,000, balance of ground $359 per acre - near Westfield PA, Total Price -**$90,000!** **(#M-1611)**

260± acre dairy farm with 153 head capacity, 5 silos with automated feeding systems, milking parlor, & 2 houses Appraised value on price of $160 000 + terms with 29% down at 8% int for 20+ years! **(#M-1622)**

Jug Store + Restaurant + Operating Farm 59 stall barn, 2 silos, bulk tank, pipeline, barn cleaner, all cattle, silage, heifer and mach shed, hay, corn farm Restaurant and milk processing equipment included in sale 4 bedroom house recently remodeled, with full basement and in excellent condition Doing a large volume of business in location that can't be beat Will consider trade for farm or business **(#W-264)**

ATTENTION HUNTERS!

Hunting and Recreational camp with partly equipped dining hall, bath house and 5 cabins on 20 acres that is surrounded by state game land! Just-**$34,000** **(#T497)**

LAND TRACTS

47 acres of open & wooded land, good hunting and nice view -**$14,000** **(#T503)**

180 7 acres of open and wooded land w/pond sites + hunting - **$63,300** **(#T537)**

10 acres, open & wooded, excellent hunting and nice view -**$5,650** **(#W202)**

130 acres of exc hunting, old house & barn + will subdivide -**$59,500** **(#W262)**

10 acres, open & wooded, exc fishing & hunting area -**$5,500** **(#M1599)**

5 acres, mostly open + borders state game land + aprd sewage -**$5,500** **(#M1558)**

11 8 acres, near state land, good frtge + terms + secluded -**$7,500** **(#M1616)**

71 acres, open & wooded only $353 an acre + exc hunting -**$25,000** **(#M1534)**

400 acres, wooded ($225 per acre) + hunting or investment -**$90,000** **(#M1045)**

19 4 acres mostly wooded, stream & exc hunting-**$7,750** **(#M1554)**

57 acres, part wooded, stream and rd frontage + hunting -**$22,500** **(#M1098)**

10 acres, wooded, stream, gravel road frontage + terms **$6,500** **(#M1568)**

CAMPS

6 rm cabin walk to state land, on secluded 3 acre tract **$4,500** **(#M1615)**

5 bdrm camp, great view and walk to state game land-**$16,000** **(#M1607)**

2 bd trailer + franklin stove, on acre lot - near state land **$15,000** **(#M1536)**

225 acre farm, house & barn + could easily subdivide **$90,000** **(#M1611)**

10 8 secluded acres w/tall pines, sm cabin, spring + sm pond **$17,500** **(#T567)**

CALL OR WRITE FOR OUR FREE LISTS!

THE Real Estaters REALTOR

Pennsylvania Offices: Area Code=717
TIOGA & POTTER Counties call or write
RD #1, Box #41, Mansfield - 662-2138
RD #3, Box #142a, Wellsboro - 724-5921
and BRADFORD County, call or write
533 Elmira Street, Troy - 297-2118
OUR #1 AIM IS SERVICE

MAILBOX MARKET

For Sale - Fresh purebred heifers, dams records up to 22,000 Henry Z. Fisher, Rt 2, Lower Valley Rd , Christiana, Pa 17509

For Sale - JD 420 crawler with blade, MF 85 gas tractor, Ford 861 tractor with p s 717 653-4839

Wanted - Souder loader D2M or any make loader with quick attachment in exc condition to fit Ford 4000SU 717-394-8414

For Sale - 67 Ford ½ ton pick up 717-665-6422

For Sale - Red Sex Link pullets, 24 weeks old, starting to lay. Edwin High 717-859-2182

Give a Merry Christmas & Happy New Years gift AKC black Lab pup, true pet, top gun dog, reasonably priced Brooks Conoy Dutch Farms 717-367-1861

For Sale - 6 yr old standard bred horse Benuel S King, RD #2, Strasburg Rd , Box 2375 Gap, Pa

For Sale - App. 1500 bu. of barley, asking $1 80 per bu. 215-367-8951 or 367-7256

For Sale - Ben Franklin stove made of seasoned cast iron $90; full size pool table with slate bed, good condition $90 Earl Emel 215-857-9476

For Sale - Guernsey cow, freshen Jan 1, $350, 106 wiard walking plows $75. Enos M Zimmerman, RD #4, Ephrata, Pa., ½ mile on N Farmersville Rd

For Sale - Saddle bred horse, carriage buggy or riding, 18 milk cans Mahlon Horning RD #1, East Earl, Pa. (near Center Church) after 6 p.m

For Sale - Case tractor LAI 9 ft. snow blade, also, snow blade for JD A-B, or G tractor. factory built, 717-938-2372.

Wanted - metal feed bins. One 2 compartment bin at least 5 ton capacity, one 2½ ton or more capacity Front mounted Sauder mill plow. 215-693-5907

Wanted for Cash - NI 2-row corn picker, 12 roll bed, new or used in A-1 shape Fred Johnson, Willow St , Pa 717-464-3883

For Sale - First cutting clover hay, home grown Chesapeake clover seed, 301-692-6347

Notice - Lawn mowers sharpened and buggies rewired, eves and Sats. Levi S Fisher, (corner of Cherry Lane and Ronks Rd) Ronks, PA

For Sale - 3 Angus feeder cattle, 1 front end loader, for 8N Ford, 1 cultivator, 3 pt Ferguson 717-697-0473 after 5 p m

For Sale - 275 gal skid gas tank with rotary pump, 1 Warm Morning Stove (#400) and 1 Heatrola 717-933-4854

For Sale - JD 350 5 btm plow automatic reset, concave colders, spring trip, side hill hitch, excellent condition, 717-323-0057

For Sale - Sauders snow plow, 2 chicken shelters, china closet and tea server 215-987-6609

For Sale - 28 feeder pigs, 40-50 lbs $30 each Lloyd Burkholder, Shippensburg, PA 717-532 3360

For Sale - 14-16' Badger silo unloader $500 2 Jamesway stable cleaners $500, Int Hammermill $200 like new, 1 ton feed mixer $100 215-968-3487.

For Sale #10 NI manure spreader on steel $300 large Warm Morning Stove, used one season, make offer, Menno B Stoltzfus, Box 54, Madisonburg PA

MAILBOX MARKET

For Sale - Adams road grader 301-885-5491

Free to good home, two male collie pups, 8 mos old 717-626-7194

Wanted to buy - one or two ton of straw Prefer delivered or will pickup 717-838-3336

For Sale - 1975 AMC Matador station wagon, 23,000 mi , 6 cyl , auto trans , PS, PB, radio, luggage rack, new snow tires on new wheels, MD inspected 301-378-2816

Wanted - Oliver 88 or Super 88 gas engine, also double disc Int grain drill 717-435-0753

For Sale - New clay honey wagon, 1500 gal , $3,950. 717-354-0484.

For Sale - One spindle buggy, $525, one run-about buggy, $325 717-272-6819.

For Sale - Badger model 3600 silo unloader for 20 ft silo, used 4 yrs , steel self feeder racks for trench silo w/time clock operated auger for concentrates Located in Lancaster County 507-932-4943

For Sale - Purebred Yorkshire boars ready for service Elwood E Houser, RD5, Lebanon, Pa. 717-272-5798 or 717-273-2921

For Sale - R O R A Elevation bull calf 717-548-3333

Wanted - Women to stay with elderly lady for home & wages Ph York 717-764-8189 after 6 P M

For Sale - SI 3912, 40 hp Deutz engine completely rebuilt,$1700. 215-683-7943

For Sale - Large Holstein heifer due in December 215-932-2777

Wanted - Barn cleaner chain for a Farmway or Better Bilt 215-932-8499

Wanted - Cattle racks for GMC pickup. For Sale-cattle racks for Ford 215-932-3352.

For Sale - Int. grinder mixer, flotation tires, magnets, governor controlled loading auger, excellent working condition. MC rotary scythe, new knives. 717-665-3806.

For Sale - Butcher hogs from 3-500 lbs Also 4 yr. old standard bred horse, safe for women to drive. 717-656-95-48.

For Sale - Straw & heavy chickens live or dressed 717-426-3871

For Sale - Reg & GR Hol Heifers, bred & open Bred to calve next summer to 100 lb plus bulls Phone evenings 215-486 0460 Coatesville, PA

For Sale - 24 ft elevator in good condition David L Beiler, RD3, New Holland, at Groffdale

For Sale - two week old son of RORAE Dams record at 6 yr & 10 mo 292 days, 17,226 M 845 F Price $100 717-665-5480

For Sale - NI 1977 model 325 narrow row picker w/12 row husking bed, like new 717-733-8100

For Sale - 1000 lb Angus tenderlean, 42 cents a lb 717-665-4182

For Sale - 80 acre farm near Mt Joy, Also 69 Camaro, 4 speed For information phone 215-589-2881

Wanted - good used D 4 500 Girton milk tank 717-367-7167

For Sale - 1212 David Brown, 1,050 hrs , excellent condition 215-458-5862

Wanted - Unloader for a 12 ft silo. 717-949-3134.

For Sale - 24 Oliver disc, like new David P Lantz, RD1, Gordonville, Musser School

MAILBOX MARKET

For Sale - 24 Badger calf slats, good condition $15 ea. Also, 24 in. gas or electric refrig 717-949 3791

For Sale - 3 yr old purebred Belgian Stud $1100, oil hot air furnace, very good, electric water heater, milk dumping station. Elem B. Stoltzfus, RD #1, Box 120B, Mill Hall, Pa.

MAILBOX MARKET

For Sale - Hog and sheep fence 32 inch high 12½ yards, 330 ft $30 and $25, 50 ft 4 in x 2 in $11. 215-445-6885

For Sale - Appaloosa mare, showy and lively, 10 yrs old, will hold till X-mas. Can haul, near Elkton MD 301-398-2751

For Sale - JD B, Farmall F20, 301-848-5236 or 301-775-7607.

MAILBOX MARKET

For Sale - 70 VW van, black with radial tires $700 717-284-4342

For Sale - AC G with lights, excellent condition, JD BWA winged disc with scrapers, excellent condition 717-653-4449

For Sale - Int Super M with snow plow 201-463-0070.

MAILBOX MARKET

For Sale - 10 acre farmette with remodeled house and large barn, Newmanstown area 717-886-5959

For Sale - Cloverleaf baler twine $11 50 a bale through Dec , Tobacco papers $10 50 I will sharpen clipper blades, first pair free Jonas Z. Lapp, RD #2, Box 276, Myerstown, Pa

MAILBOX MARKET

For Sale - 10 ft Stoltzfus dry lime spreader body 215-683-8396.

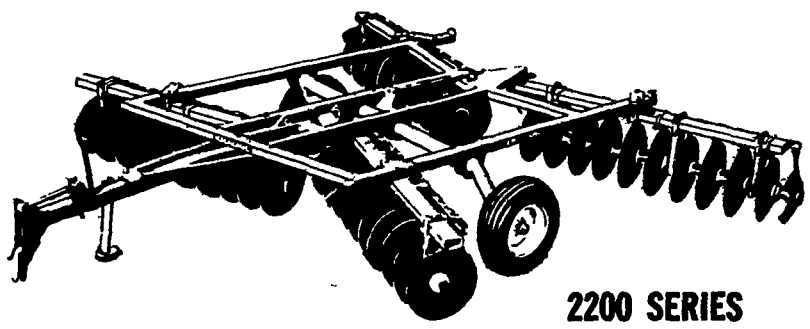
For Sale - 5 Duroc feeder pigs, 40-50 lbs from purebred stock, gilts would be good for breeding, best offer, 215-926-5542

MAILBOX MARKET

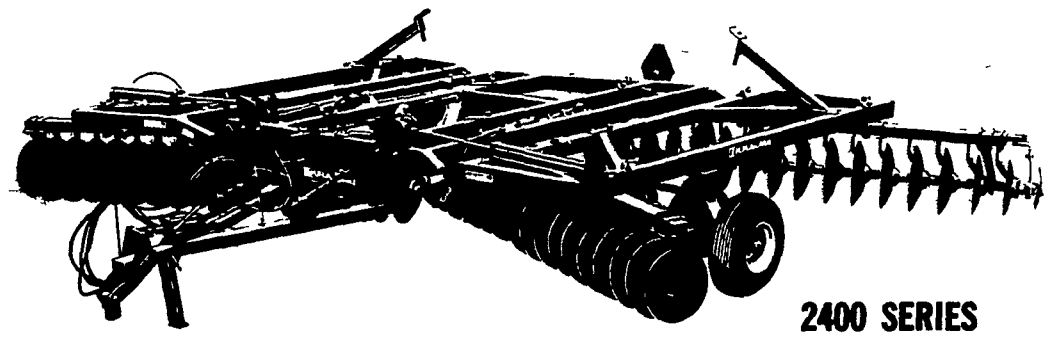
For Sale - Border Terrier pups born 11/3/77 AKC Champion bloodlines, male and female, adult dog app 15 lbs 215-367-8688

Wanted - Good female rabbit hound to breed. A Butterhof, Egg Harbor, NJ 609-965-1285.

KRAUSE ROCKFLEX DISCS LOVE ROCKS



2200 SERIES



2400 SERIES

FARMING SMALL OR FARMING LARGE

WE HAVE YOUR DISC!

COMPARE THESE FEATURES:

1 - Spring Steel C-Shaped Bearing Hangers
2 - Heavy duty scrapers mounted to bearing hangers
3 - Nuts on both ends of cold-rolled steel Tie Rods
4 - Overlapping Gangs to cut-out center
5 - The originators of Flex-wing Discs
6 - Priced $ per pound to compare with any disc

DECEMBER SERVICE SPECIAL

★ 10% DISCOUNT ON ALL PARTS USED ON ANY TRACTOR OR MACHINE REPAIR JOB SCHEDULED IN DECEMBER FOR COMPLETION THIS WINTER - 3/31/78.
★ CALL RAY SHISSLER OR DAN CARPER THIS DECEMBER AND GET YOUR EQUIPMENT REPAIRED BEFORE SPRING BY THE HOOBER EXPERTS.

WAIVER OF FINANCE
TRACTORS Til 3/1/78
COMBINES Til 9/1/78

USED TRACTORS

IH F1468D
IH F1066 w/year-a-round cab
IH 3414 Loader
IH F1466 w/Cab
IH 4166 w/3 pt. Hitch
IH F460 gas
Ford 8N - new paint
IH 1-544 gas
IH F544 gas
IH F706D
IH I-656D
IH F806D

USED DISK HARROWS

Oliver 25' Wing-fold
Bushog - 14' Tandem
IH 470 - 13'10"
IH 470 - 12'
Pittsburg - 12'
IH 37 Disk - 11'6"
Kewanee - 12'
Krause - 1588 Disk - 17'

USED COMBINES

Massey 760 w/6 row corn head, 15 ft. platform
IH 503 w/4 Row Cornhead & 13' Platform
IH 101 w/Platform
IH 915D Late Model w/6 row Cornhead

USED MANURE SPREADERS

1 (2) New Idea, ground drive
IH, ground drive
1 (2) IH 155 Spreaders
1 IH 275 Spreader

USED CHISEL PLOWS

IH 13 ft. mounted - 2 rank

USED PLOWS

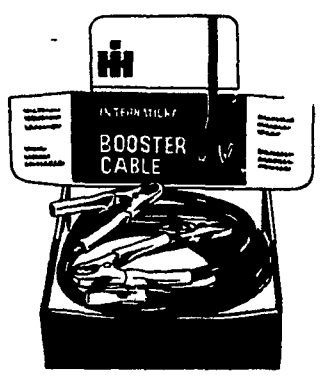
Deere - 3-bot. mounted
IH 531 - 3-bot., mounted
IH 550 - 5 bot., semi-mount
AC - 5-bot., semi-mount
IH 155 - 5-bot., roll-over
IH 560 - 6-bot., semi-mount
IH 710 - 6-bot., spring trip
IH 710 - 7-bot., auto

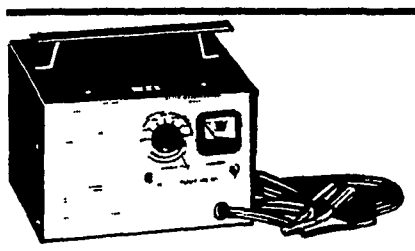
CALL PARTS DEPT.

CALL US. IT COULD BE WE HAVE IT!

IH BOOSTER CABLE SPECIALS

6 Gauge - 12 Ft. Length	Reg. $11.00 Sale	$9.25
4 Gauge - 12 Ft. Length	Reg. $18.00 Sale	$14.80
4 Gauge - 16 Ft. Length	Reg. $22.00 Sale	$17.95
4 Gauge - 20 Ft. Length	Reg. $28.00 Sale	$22.75
Extra Heavy Cables	Sale	$32.75





IH BATTERY CHARGERS

10 AMP... $32.85
15 AMP... $65.70
30 AMP... $83.70
100 AMP... $161.10

1 YEAR WARRANTY

★★★ INCREASE YOUR PROFITS BY CUTTING YOUR COSTS ★★★

WITH HOOBERS BULK TANK SET-UP

1 - Electric Clutch increases compressor life
2 - Auto - Start & Stop saves your Diesel Engine
3 - Girton Tanks cool milk fast - saves on electric or diesel fuel
4 - 34" Pouring Height saves time dumping milk

CALL GRATZ M. SULT To Learn More About Increasing The Profits From Your Milk At C.B. HOOBER & SON, Phone 768-8231 - After 5:00 P.M.
24 HOUR SERVICE

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PENNA. (717) 768-8231 AUTHORIZED UPS STATION

MAILBOX MARKET

For Sale - Front cultivator for Ford 5 shank transport chisel, 12 ft IHC drag. 717-662-3449.

Wanted - To rent, farm ground in eastern part of York Co. 717-252-2074 after 6 p m or 252-2666

For Sale - Jug milk plant, complete, one man operation, including large walk in refrigerator and store equipment. 717-964-3350.

For Sale - Poodle pups for Christmas $50, no papers; easy spin washer dryer $50, 215-488-7245 after 4 p m.

For Sale - Oliver 4 bottom 16 in. spring reset plow, real good condition, 215-444-3716 after 6 p m

For Sale - 80-06 Deutz 1400 hrs. $8500, 72-06 Deutz 500 hrs $9000, Mitey Mac II Skid loader 250 hrs. $5500, all very good condition 301-733-1054.

For Sale - Keeshond pups, 6 weeks old, will hold till X-mas, Jacob Ebersol, 5 miles S. of Buck, West on Goshon Mill Rd, Peach Bottom, RD #2, Pa

For Sale - 1969 Chevy C-60 18 ft bed, excellent $3000, 1965 GMC 16 ft. bed hoist good $1500, 32 ft. Farmec elevator, JD FBB17 disc drill, 201-479-4807 or 479-4596.

Wanted - 50 acres up in rural Lancaster area, level farm land with brook preferred, Aaron DeBoer, 412 Central Ave., Haledon, NJ 201-684-0338.

For Sale - 68 500 Fairland 2 dr, OK $350, barn & stable door hinges, various sizes, some hand forged, wood storm sash assortment. 717-354-0765.

For Sale - Farmall A with plow, in good condition, new paint $950 215-459-3575

For Sale - 2 large heaters wood or coal $50 ea.; one coal and electric $15 717-345-4686.

For Sale - Massey Ferguson 165 Diesel, Multipower, W.F E , P S 717-428-1967

For Sale - D2 Cat, engine and other parts, 50 series, 717-328-3934.

For Sale - 8 ft double cultipacker $95 717-354-0266

For Sale NH self propelled corn harvester model 1880 with 3 row corn head 717-426-3135

Wanted - Used Ashley or Riteway wood-heater in good condition 717-865-5003

For Sale - Used Hot air Keystoker for use in garage or shed, burns rice coal 215-678-8686 after 7 p m

For Sale - Flat bed log-a-long trailer, for loads up to 9 ton, good condition, $2400, Roland Epp, R-2, Box 590 A, Coopersburg, Pa 18036 Ph 215-965-9401.

For Sale - Reg yearling Holstein heifers, Elevation Kingpin lines, also Reg Hereford cows and calves, Domino lines 717-527-2243.

For Sale - NH single row field harvester $500, cross bred open gilts and boars, quality stock non-registered 717 362-8797

For Sale 1 horse sleigh with bells 2 seats in excellent shape, 717 838-9072

Wanted - Mules dark team or single super gentle, D L Stumbo, Oneil Rd, Lima, NY 14485

For Sale 70T wheat straw easy to load, $80 ton at barn 717 274 0762 after 6 p m

For Sale Lumber many sizes ... small amount ... Box 201

MAILBOX MARKET

For Sale - 50 acre hog and poultry farm, large barn, 8 room house, heat and bath and other out buildings, all in good condition 717-682-9233

Wanted - blade for IH T6 with gauge crawler tractor 717-966-2507

For Sale - Midwest plow harrow used on 4 bottom 541 Int plow, good condition $150 717-292-4416.

MAILBOX MARKET

For Sale - Cab for model A Gleaner combine in good condition, best offer Joe H Zimmerman, Rt 1, Leola, Pa , along Rt 772 near Carpenters Church

For Sale - Milk bottles 2,000 plain 1 qt sq 56 MM Walk in refrig 8x8 ft with 2 complete refrigeration systems 302-994-5266

For Sale - 20 bulls Holstein, Angus, 350-500 lbs average, 30 cents lb Columbia Luzerne Co Buyer hauls 717-656-9647 eves

MAILBOX MARKET

For Sale - 12 can milk cooler in good condition Henry McMaster, Village of Kemblesville, 215-255-4781

For Sale - Green, early American living room suite, excellent condition, sofa back can be put down, chair rocks, $150 717-362-9082

For Sale - Charolais bulls, polled only 4 left, place your order now, will wean in Jan Priced to sell 717-724-3809 after 6 p m

MAILBOX MARKET

For Sale - New Patz cleaner 300 ft. chain, heavy drive unit, best offer over $3000 Sells for $4000 now 717-524-4901

For Sale - corn fodder in ton stacks, loaded on your truck or trailer, Also custom stacking in northern Dauphin Co. 717-362-9850 eves

For Sale - 3½ yr. old Appaloosa filly sorry no papers, with bridle, blanket and saddle, $400 complete, must sell, leaving area Morris & Cook, Box 63, Oxford, Pa 19363

MAILBOX MARKET

For Sale - Int #400 snow plow will fit most Int. front end loaders, new condition. 717-425-2297

For Sale - Patz Liquidator, never used, Oliver 77 diesel and Oliver 77 gas, priced reasonable. 717-776-5762

For Sale - Golden Retriever pups, AKC Reg. 215-767-6453.

Wanted - Someone with cattle to rent or lease dairy barn, or heifers to board for spring of 1978 Also traps wanted 717-799-5306

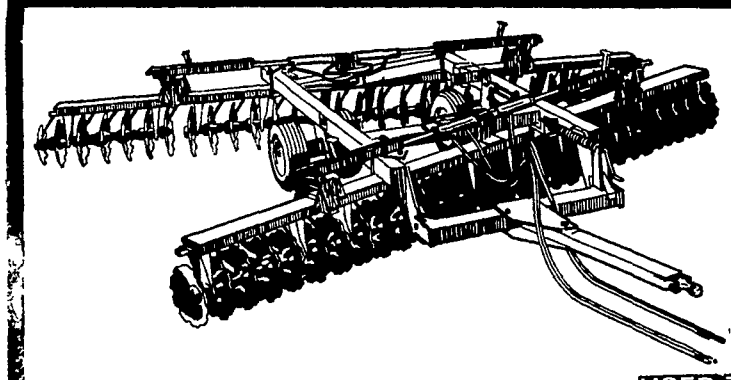
SANTA CLAUS' HELPERS
HARRY LEFEVER & LLOYD GRUBB, ARE AT IT AGAIN!

HARRY LEFEVER
PARTS MGR.
ANNOUCES
SPECIAL DISCOUNTS
WINTER TILLAGE
PARTS
NOW THRU DECEMBER 31
BUY NOW & SAVE
(IH TILLAGE PARTS ONLY)

5% OFF ON PURCHASES OF $25.00 TO $75.00
10% OFF ON PURCHASES OF $75.00 TO $150.00
12% OFF ON PURCHASES OF $150.00 & UP

GENIUNE IH PARTS

LLOYD GRUBB
TRACTOR SERVICE FOREMAN
ANNOUNCES
Free Pick-up & delivery, 50 mile radius, on any service work brought into our shop during the months of Dec., Jan., & Feb.



TILLAGE TOOLS

NEW IH TILLAGE TOOLS

401 Spring Tooth Harrow, 12 ft	$639
350 Disk Harrow, 10'3"	2048
475 Disk Harrow, 17'8"	4795
500 Disk Harrow, 12'5" - 24" HD blades	3932
770 Offset, 10'4", 26" knotch blades	3890
315 Packer Mulcher, 13'8"	3450

USED TILLAGE TOOLS

IH 350 Disk Harrow, 11 ft. 6 in. excellent	$1295
IH 9A Disk Harrow, 28 Disk	$395
IH 37 Disk Harrow, 10'	525
Pittsburgh Disk Harrow, 12' (disked 30 acres)	1695
AC 16' Wing Type Disk Harrow w/Duals, used 1 year	3095
IH 550 Plow, new bottoms, 5-F, 16"	1695
JD Disk Harrow	Call

WAIVER OF FINANCE....

TAKE ADVANTAGE OF 10% TAX INVESTMENT CREDIT BEFORE YEAR ENDS

NEW TRACTORS - 464 - 574 - 674
YOUR CHOICE! — WAIVER TILL 3/1/78
OR TAKE CASH ALLOWANCE

NEW TRACTORS - 686 - 886 - 986 - 1086 - 1486
YOUR CHOICE! — WAIVER TILL 3/1/78 OR
$1,000 MINIMUM IMPLEMENT ALLOWANCE

USED TRACTORS
WAIVER TILL 3/1/78

Case 1370 diesel w-cab & air, dual valves, 20.8 x 38 tires, weights, 315 hours.
Farmall 1066 D
Farmall 886 D w/Cab
MF 178 Diesel, w/heavy duty loader
Ford 5000D, New Tires, cab
TD9 w/Loader, Excellent
Oliver 1950 Diesel w/Duals & Cab
Oliver 1850 Diesel
MF 135 Diesel
Far. 460 w/loader
Far. M Diesel
Far. 400
(2) Far. M
Far. 350
Far. H
Far. A w/culti. blade and plow

WAIVER OF FINANCE
HAY MACHINES JUNE 1, 1978
FORAGE MACHINES SEPT. 1, 1978

NEW & USED COMBINES - WAIVER TIL 9/1/78

Gleaner Model G with 4 row wide & 4 row narrow corn head, 13 ft. platform, excellent
Massey Ferguson 300 2 row corn head, 13 ft. grain platform, 1 owner
IH 203 Combine w/10 ft. platform 2-row corn head
MF #44 QA Corn Head

NEW COMBINES

915 Diesel hydro combine, 15 ft. platform & 6 row corn head $44,900
715 Diesel hydro combine, 13 ft. platform & 4 row cornhead..... $33,900

USED EQUIPMENT

JD 494A Planter, 4-row
IH 455 Planter, 4-row
IH 400 Air Planter w/Insecticide
JD 17 x 7 Grain Drill

NEW IH HAY & FORAGE EQUIP.

435 Baler	$3995
435 Baler w/#10 Baler Thrower	$5295
#241 Big Roll Baler	$5495
720 Forage Harvester w/2 row Row Crop Unit	$6995
830 Forage Harvester w/3 row Row Crop Unit	$9175

NEW IH SPREADERS

#530 Manure Spreader	$1795
#540 Manure Spreader	$2075
#550 Manure Spreader	$2585
#580 Manure Spreader w/hydraulic endgate	$4795

Our Aim is to Serve You Better.

HERITAGE
INTERNATIONAL INC.

1054 SOUTH STATE STREET EPHRATA, PA 17522 PHONE 717-733-2283
LANCASTER COUNTY'S ONLY INTERNATIONAL FULL LINE DEALER.

Attention

All phone numbers on mail box market ads must be accompanied by your area code or Advertisement will not be published.

MAILBOX MARKET

Custom round baling of corn fodder in Ephrata area. 717-733-2808

For Sale - 1970 Chevy pickup, ¾ ton, Also 1973 ¾ ton Chevy pickup 717-354-7180

For Sale - Gas space heater, heats 2 rooms, used very little Call 717-382-4288

For Sale - (11) 300-350 lb heavy butcher hogs Also J D. 4 bottom pull trip plow with no trip bottoms, best offer. 717-367-3283

For Sale - One sorrel driving horse, 2 springers and 2 fresh cows Levi Kinsinger, RD1, Kirkwood, Pa. 17536, Jackson Road at Oak Shade

---

Wanted - 12 ft. wide and 8 ft high over head door State price and condition in first letter Enos King, Rebersburg R1, Pa. 16872.

For Sale - One 1200 David Brown tractor and loader, One M M. tractor, 2 Jersey cows. 717-249-1190.

For Sale - 20 Holstein Heifers 3 to 5 mos old; 6 Holstein Heifers 12 mos old, 8 Holstein Heifers 2 to 3 mos old Also some small calves, some registered. 215-689-9896

For Sale - Chihuahua pups $30 00 Fox Terrier pups $25 00 717-687-8314 Will hold til Christmas

---

For Sale - 2 Surge narrow bore milkers Also SP 11 milker pump 717-354-9639.

For Sale - DeLaval pipeline milker; Mojonnier 500 gal. tank 717-665-3229.

For Sale- -2 row New Idea 329 Super Picker Sheller, used 1 season 717-665-4762. Call after 5 P M.

For Sale - Roller bearing buggy with hydraulic brakes in good condition Benjamin S. Stoltzfus, Leola, Hess Road, 2 miles South of Bareville

---

Wanted - 5 ft meat case. Write M K. Smoker, 8 Old Leacock Rd , Ronks, PA 17572

For Sale - IH 900 mower conditioner, excellent shape, 1973 machine, $2000. Ph Dushore 717-924-3757

Wanted - Bulk dairy feed bin, 5-10 ton; bunk beds, mattresses not necessary, reasonable price and condition. William Zanolini, RD2, Sugarloaf, PA 18249, 717-384-4220.

For Sale - AKC Labrador Retriever puppies; AKC German Shepherd puppies; $35; Stud Services, Wanted - AKC Alaskan Malamute and German Shepherd males. 717-548-2743.

For Sale - 325 lb Butcher Hogs. Henry F. Zook, RD1 Box 47, Kinzers, PA 17535

For Sale - 12 x 14 Brooder house; MTA Farmall tractor as is; Jamesway hydraulic barn cleaner for parts. 717-653-5811.

For Sale - Nice solid squash pumpkins, make the best pie, bread, cake, etc. Robert Johnson RD1, Willow St., Pa 17584. 717-464-4071.

For Sale - Purebred collie pups, 6 wks. old 717-665-6956.

For Sale - AKC English Bull dogs, female, approving, $300 or $200 and 1 pup. 215-445-5796.

MAILBOX MARKET

Farm bell cast iron 16 inch with yoke and cradle for post mounting $75 00 215-GL9-3100

Wanted - Left rear axle housing for 460 Farmall. Ph 717-933-8388.

For Sale - Service age Holstein bull. Rocket son Wanted-soybeans for feed Henry S Beiler, Christiana R1, Box 83, along Route 372

For Sale - Farmall A, new paint $800, 15" Ford truck mag slotted wheels $100, for all four, side saddle, best offer 717-949-3259.

Wanted - cab to fit 1850 Oliver, send make, price and location to John Campbell, RD#3, Box 20, Newport, PA 17074.

Wanted - Bobsled runners in good condition with or without bed Jacob B Stoltzfus, Box 327, RD#1, Christiana, PA

For Sale - Bull, 3 yrs. old, Black Angus sired by a Wye Plantation's bull, can be registered $550 Andrew Glick, 215-689-5037.

For Sale - 1973 Chevy truck with a 12 ft stake body; Baldwin piano 215-926-4406

For Sale - Nice black pony 6 yrs old, good broke, safe for children. Noah L Martin, RD#3, Ephrata, PA, 1 mile north of Johnstown.

For Sale- -Columbian range, needs work $50 215-267-3757

For Sale - Case loader 940 model, 2 rear tractor tires, tubes and rims, 15-5-38, Oliver 880 diesel for parts 215-267-6324

For Sale - English Shephard pups, 6 weeks old Both parents excellent cow dogs $15 each H.E. Fetrow & Sons 717-266-1597

For Sale - Young gentle Jersey family cow, bred back. $275 215-944-9307.

Wanted - Herd of 25 or 30 dairy cows Amos S Blank, RD#1, Box 120, Gap, PA

For Sale - PTO 350 NH grinder mixer, good shape. Sam J Stoltzfus, Box 53, Madisonburg, PA

For Sale - 8 pedigreed reg Holstein heifers to freshen in Dec & Jan Edward Kime, Geneva, NY 315-585-9827

For Sale - 1 used market wagon and 1 in. galvanized milker pipe app 120 ft. good shape Emanuel S Fisher, RD#1, Christiana, PA (At Smyrna)

For Sale - Canaries, singers and hens, some crested, guaranteed to sing. Isaiah, Ebersol, Hess Rd., 2nd house on left south of Rt 23, Leola, PA ,

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For Sale - NH 1002 Automatic bale wagon in excellent condition, also 60 ton good mixed hay, 301-452-5646 after 6 p m.

For Sale - brooder house 11 ft by 14 ft. plus an attached building 8 ft by 11 ft. Must be moved by buyer $150 J Warren Shearer, Wernersville, Pa 19565 215-678-9943

For Sale - Sauder snow blade, 7 ft. in very good condition $275 717-949-6823

For Sale - 2 fat Hereford and Holstein heifers 900 lbs 33 cents lb. 20 Yorkshire shoats 140 lbs. $55 each. 717-444-3968.

MAILBOX MARKET

For Sale - 1250 gal Dari Kool ice bank milk tank with new compressor, very good, JD 40 combine. 2 Yorkshire service age boars. 315-536-2173

For Sale - 1500 heavy Dekalb layers 95 cents each 100 and up 85 cents laying 50 per cent, good for laying or meat purposes 717-872-2722

Wanted - parts for Brillion cultimulcher, 10 packer wheels and 4" axel with ends and bearings for 12 ft axel 717-529-2375

For Sale - 12 hole Pride-of-the-Farm hog feeder, steel wheel flat wagon 717-354-0159

For Sale - 2 yr old Reg saddle bred horse, show potential, reasonable to good home 301-658-6782

Wanted - Silo suitable for rebuilding, in good condition 14' or 16', preferred, 717-637-5075

For Sale - Moscovy ducks, live or dressed Wanted-Cats or kittens. Elem F Huyard, Rt 3 Box 437, Huyard Rd , New Holland, PA

Wanted - HS or HK Huber tractor. Amos Ebersol, RD#2, Narvon, PA 17556

For Sale - Fox Terrier pups, Benjamin E Kuaffman, Bird-in-Hand, PA, ½ mile north of Kauffmans Fruit Farm

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For Sale - 1200 gal storage tank, good, $150 717-354-0866

For Sale - Gulbrasen Spinet type piano, app 6 yrs old, excellent condition, will sell at loss only $500, you haul 717-225-4187

Wanted - 9 ft. spring tooth harrow and 14½" wide web or part of one for Papec cutter Elam S Nolt, Box 215A, RD#1, East Earl, PA 17519

For Sale - Oil heater, Siegler with blower, good condition Benuel S Lapp, RD#1, Narvon, PA 1 ½ miles southeast of Churchtown

---

For Sale - Couple of choice feeder steers 500 lbs Short horn and Charolais. Also, 1 gentle 6 yr. old Appaloosa gelding, trained ash 301-642-6718

For Sale - Registered Jersey Service Age Young Bull or will trade for good producing Female Riverdale Farm, RD#1, Waymart, Pa 18472, 717-448-2816

For Sale - TD-9 Int diesel crawler w/ straight dozer blade Engine recently rebuilt Ernest Krahn 717-382-4779

For Sale - Suffolk Ram, 20 month old. $40 Ph 717-235-3706

For Sale - 202 NH manure spreader, like new 14" steel bottom for Oliver trailer, plow, pair of steel wheels Henry L Beiler, Rt. 3, Pumping Station Rd , Quarryville PA

For Sale - 3 Holstein heifers, 1 due Dec 20, others Jan $375 717-249-3102

For Sale - 30" cap for 8 ft pickup truck, interior-exterior lights $200, exhaust side pipes for V8 truck 717-665-5893

Wanted - Farmhand grinder or similar kind with PTO or hammermill with PTO 215-944-9693

Wanted - App 400 lbs. sows for butchering, must be clean Aaron N Hoover, RD#1, Leola, PA(at Talmage)

For Sale - 1957 GMC pickup truck bed 8' good shape, best offer John J Hoover 215-267-3673

Wanted - Hand turn Stewart cow clippers, Levi A Lapp, RD#2, Quarryville, PA

MAILBOX MARKET

For Sale 1200 Mustang $300 or best offer 215-445-6957

For Sale - Fancy black cast iron cook stove, excellent $450, 2 lid coal stove with water jacket $125, Pony cart $40, JD snow blower to fit garden tractor $125 717 442-4279

For Sale - 50 feeder pigs, 3 way cross 717-665-2288 or 665-7917

Wanted - Spirit filled Christians to help prove sires and work with fellow Christians Write CCB Box 256, Hepburn St , Milton, PA 17847

For Sale - Service age bull Astronaut son, 18,000 lb dam Also, used bedding keepers 717-548-3402

For Sale - Oliver 2 bottom 12" Raydex trailer plow with new shins, shears, and mold board $400 Will deliver in Lancaster or Chester Co 215-593-5271

For Sale - Potatoes #1, 50 lb bag $2 75 Pick outs 100 lb bag $2 50 in Voganville Ivan Wenger

---

For Sale - 910 milk cooler We make front end steering for NI 206 manure spreader and tounge seat Joe S Stoltzfus RD#1, Kinzers, PA

For Sale - Buff Coachin bantams 215-256-8839

For Sale - Corn fotter, round bales, 717-548-2511 after 5 p m

---

For Sale - 10 Leghorn roosters, 10 ready to lay pullets 717-626-5555

For Sale - 16 3-way cross feeder pigs, 40 lb average, wormed and castrated 717-354-0293

Baby sitter wanted - 20-40 hours week, own transportation, good pay 717-393-9966 after 6 p m

---

For Sale - AKC Cocker Spanial pups, males $75 females $85, ready for Christmas 717-354-5360.

For Sale - 1963 Ford dump truck, 3 phase 7½ hp. mower, 35 ft bulk feeder, 20 ft. aluminum silo chute, 8' camper top, 24' used silo roof 717-933-4616

For Sale - Surge 50 Alamo milker pump, DeLaval 75 milker pump, magnetic milkers, large pails, new type claws 215-445-6816

For Sale Hand made green X-mas wreaths, scotch or white pine, 12 and 16" sizes 301-398-7023

For Sale - JD # 43 PTO, corn sheller, trailer model, Oliver 66 row crop with loader, Auger trailer 215-MI6-0398

For Sale - JD 494A 4-row corn planter in good condition $750, single roller mulching harrow $350 215-279-5569

Wanted - Farmland to rent in Lititz area. 717-626-7612.

For Sale - 1500 bales mixed hay $65 ton, no rain or must 412-458-8697

For Sale - 1971 Olds Cutlass cpe 350, V8, A T., P.S., good tires, in good condition $1050 717-935-2364

For Sale - Yorkshire service age boars, Thomas stock, Aaron Z Martin, 215 445-4825.

For Sale - 73 Vega Estate wagon, custom interior, tinted glass, tires, turbo trans , engines, fair condition $250 or make offer, must sell 717-733-7195

For Sale - Outside calf hutches recommended by vet Stoltzfus Woodwork RD#2 Gap PA,one mile north of Gap on 897.

Wanted - canning jars, qt & pt size, standard and regular size openings Bu and bu baskets 215-269-4192

MAILBOX MARKET

For Sale 1962 Studebaker Lark sedan, good condition 215 267 6757

For Sale 1967 Dodge power wagon with snow plow, excellent condition 55,000 miles 717-872 2579

Wanted - Colored plastic baler twine, please state price, Melvin Stoltzfus, Box 80, Rebersburg, Pa

---

For Sale - AKC Irish setter pups, 6 weeks old, beautiful, healthy, excellent for pets or hunting, priced to sell 717-442-4452

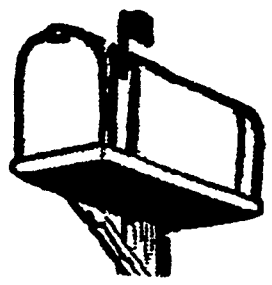
For Sale - AKC German Shepard pups, both parents carefully screened for temperment, health, etc Championship bloodlines, pedigrees available $75 717-582-8343 eves

---

Wanted - Sausage stuffer with lard press, also, cement mixer with PTO and 3 pt hitch 717-345-8482

Wanted - 14 in 2 or 3 bottom rollover plow with small 3 pt hook up, 717-374-4720

For Sale - Jamesway lever stalls, like new, 717-786-3740.



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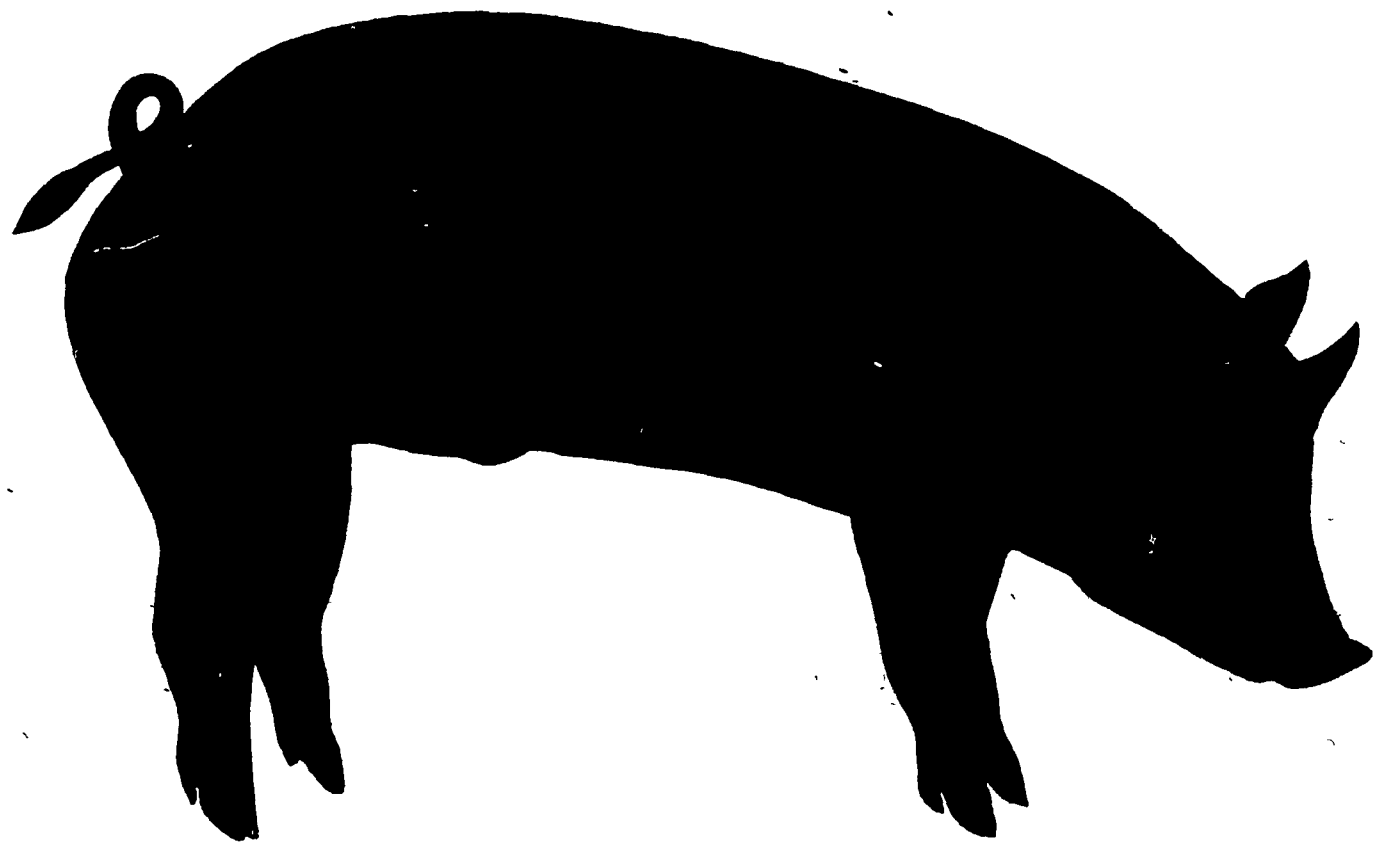

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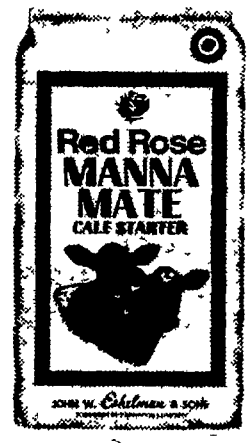

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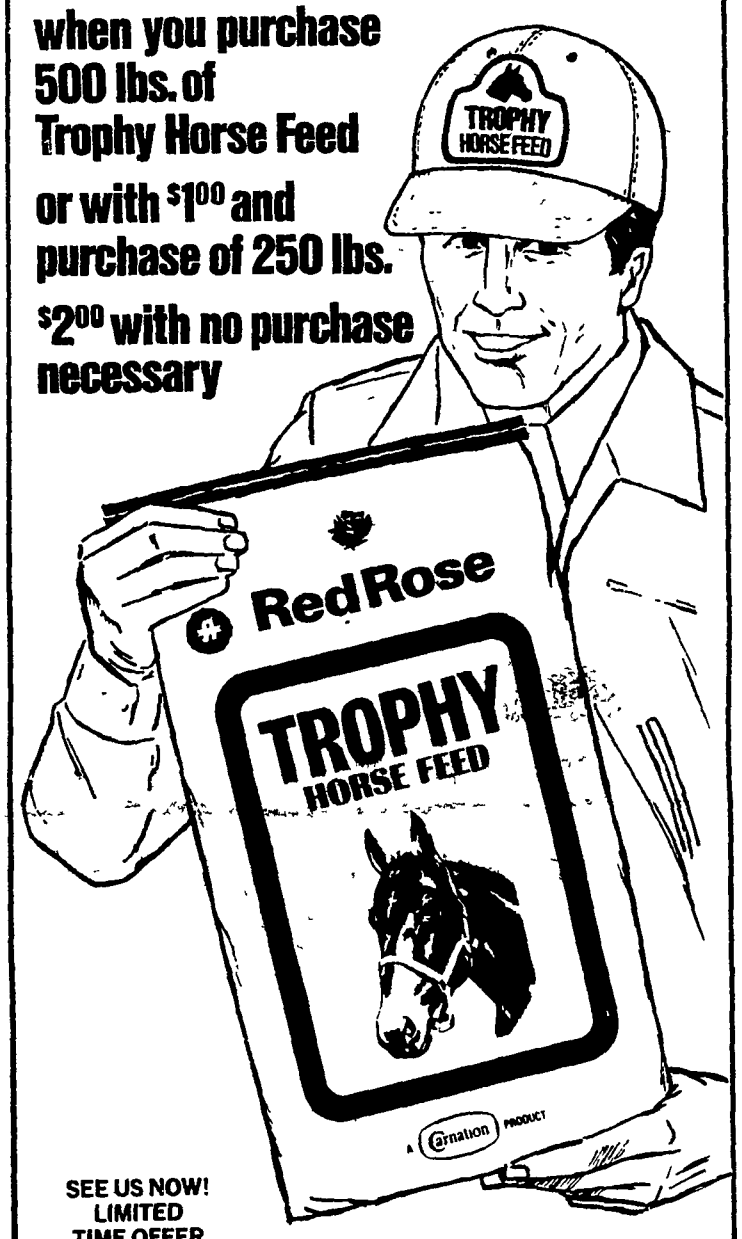

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Lower market prices seen for poultry and eggs

WASHINGTON, D.C. – Prospects for the egg, broiler, and turkey industries in 1978 point to increased production and lower market prices. However, with feed prices lower than a year earlier broiler and turkey producers may show a small profit during much of the year. On the other hand, egg producers may be in a cost-price squeeze by next spring. So says William Cathcart, agricultural econonist for the Economic Research Service of USDA.

Production costs for eggs, broilers, and turkeys likely will remain lower than a year earlier at least through the first half of 1978. Feed costs during January-June 1977 accounted for about two-thirds of the total cost of producing eggs and more than 70 per cent of the cost of producing broilers and turkeys. The lower cost of feed ingredients should more than offset the rise in the cost of other production items.

Expected growth in the general economy and a continued uptrend in consumers' incomes will help bolster the demand for poultry meat and eggs in 1978. Also, gains in total employment combined with some easing in unemployment will be a plus factor for the poultry and egg industries.

Poultry producers in 1978 will face stronger competition from larger supplies of red meats. The mix will also be different. Beef supplies are likely to be below 1977 levels with larger fed beef output being more than offset by reduced non-fed beef production. Pork supplies are expected to be well above 1977, especially during the second half of 1978.

The Outlook for Broilers

Broiler meat production in 1978 is expected to continue to expand. Larger supplies of competing meats and broilers will result in 1978 wholesale broiler prices averaging moderately below 1977 levels.

Broiler meat supplies in 1977 are large despite high production costs and poor profitability during much of the first half of 1977. Supplies for all of 1977 will be up around three per cent from 1976 and 15 per cent above 1975. Supplies would have been larger had it not been for the losses sustained from the extreme cold last winter and the abnormally hot weather in late spring and early summer.

Output of broiler meat in federally inspected slaughter plants this year through September exceeded a year ago by about three per cent. Last Summer's hot weather reduced the number of chicks placed for October's marketings to near year-earlier levels. However, as the weather moderated and feed prices declined, producers stepped up placements for late 1977 marketings. Chick placements suggest that there will be about a tenth more broilers than a year ago moving to market during the last six weeks of 1977. This corresponds with the weakest demand period of the year for broilers and likely will result in broiler prices dropping below the cost of production and marketing.

The large grain and soybean crops harvested this Fall, coupled with a relatively favorable profit situation in the Summer and early Fall, are expected to result in broiler producers holding production above a year earlier during the first half of 1978–perhaps by five to seven per cent. If feed price prospects continue favorable, producers will likely continue to hold production above a year earlier during the second half of 1978. However, the percentage increase may moderate from first half levels as producers adjust to sharply larger pork supplies.

Despite large supplies of red meats and broilers this year, broiler prices exceeded year-earlier levels during much of the year. Wholesale prices in 9 cities through September averaged 41.9 cents a pound, slightly above a year earlier. Wholesale prices during October remained fairly strong, but prices will decline more than usual in November and December because of the sharp increase in marketings. Prices in late November and December may drop to the mid-30's of a year earlier despite higher than year-earlier competing meat prices.

Broiler prices in 1978 will be bolstered by increased consumer incomes and lower beef supplies. However, larger broiler and pork supplies will be more than offsetting, and broiler prices are expected to average moderately below 1977.

If broiler output during January-June 1978 increases five to seven per cent from 1977 levels as now seems likely, broiler prices could average in the upper 30's, compared with 41.6 cents a pound during January-June 1978. However, the decline in broiler prices from a year earlier could be more than offset by lower production costs if feed ingredient prices turn out about as expected.

The demand for broilers has been strong in 1977. Per capita consumption of young chicken (primarily broilers) in 1977 likely will gain around a pound over the 40.4 pounds in 1976. If broiler output increases as expected in 1978, consumption of young chicken will likely increase one to two pounds from 1977 levels.

Exports of young chicken in 1977 may also exceed the record 287 million pounds of 1976. Through September this year, exports of whole young chickens and cut-up chicken parts totaled 235 million pounds, 20 per cent above a year earlier. Exports were relatively large during the last half of 1976 because of the substantial shipments to Iraq. Exports to Iraq during the rest of 1977 likely will be down sharply. Even so, exports for all of 1977 likely will be a new record.

The Outlook for Turkeys

Turkey production is expected to show a moderate increase in 1978, spurred by lower production costs and good profits in the fall of 1977. Larger production of competing meats and turkey will likely result in a moderate decline in turkey prices in 1978.

The 1977 turkey crop was esimated by USDA's Crop Reporting Board at 138 million birds, down one per cent from last year's record 140 million. This is in line

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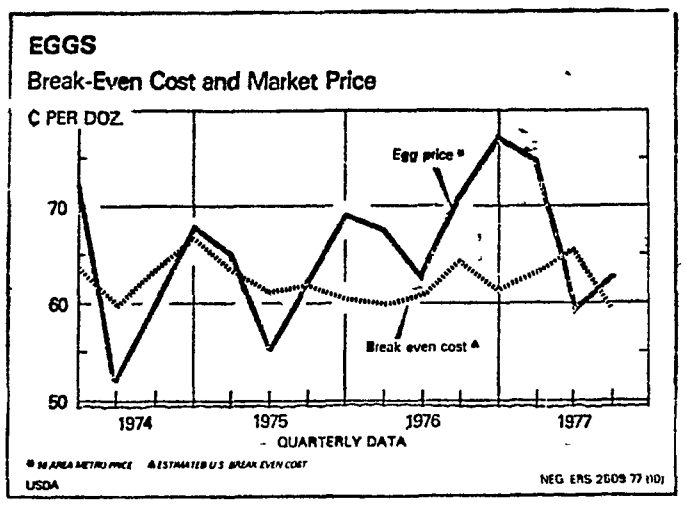

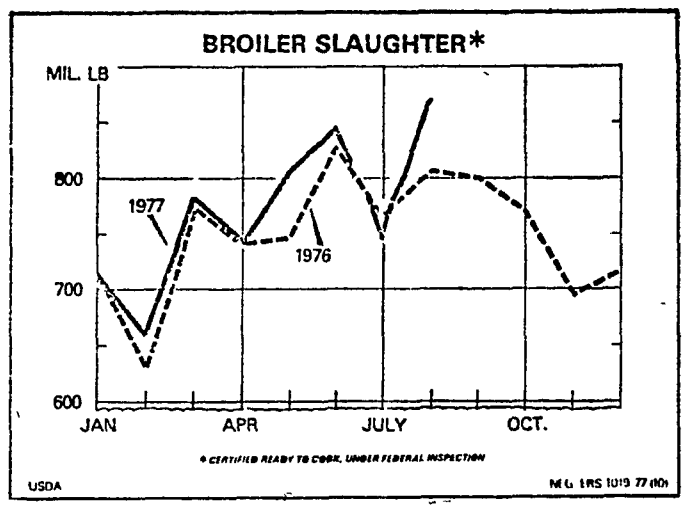

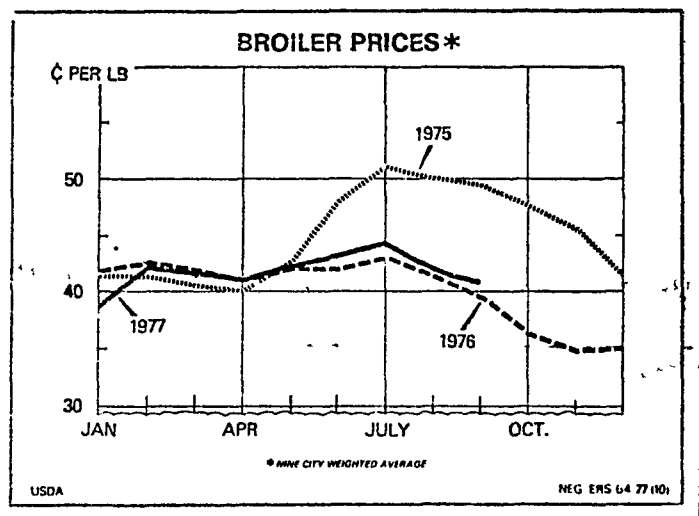

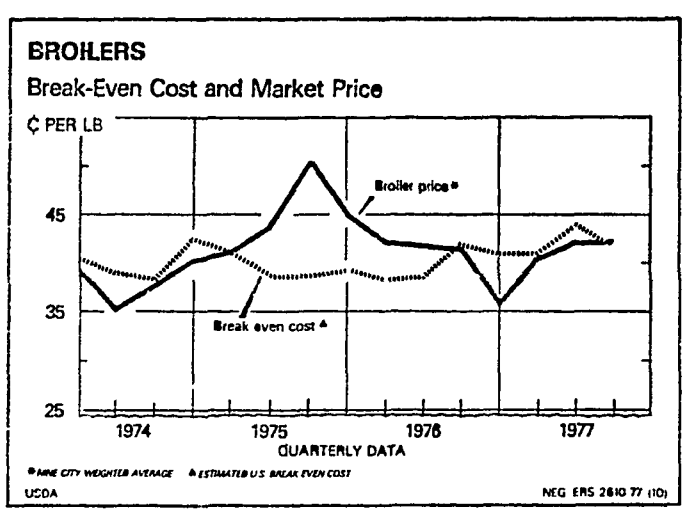

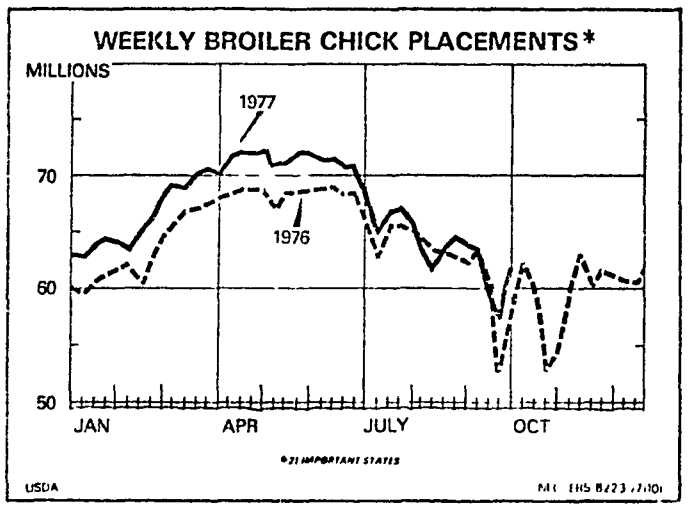

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1068, 1069, 1075 Bale Wagons	$500	$425	$350
1400, 1500, TR™ 70 Combines 1890, 1895 Forage Harvesters	$800	$650	$500

NOTE: Program includes new products as listed above, plus new discontinued models of these products. Sperry New Holland reserves the right to cancel Winter Buyer's Dividend or any part thereof at any time. However, any transactions that have been made before the cancellation date will still earn a dividend.

The program starts December 1, 1977, and runs through February 28, 1978. Just note that the sooner you buy, the more you "save." That is, the bigger the size of the dividend check that we'll send to you shortly after settlement.

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Sperry New Holland is a division of Sperry Rand Corporation.

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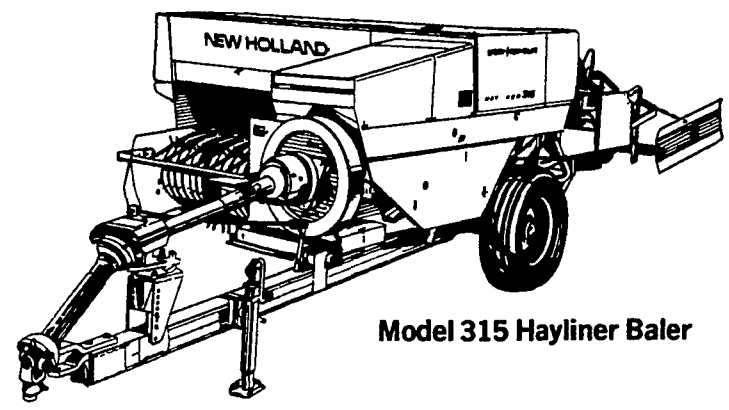

Model 315 Hayliner Baler

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SPERRY NEW HOLLAND

Meat grading services withdrawal upheld

NEW YORK, N.Y. – The withdrawal of federal meat grading services from Salsburg Meats, Inc., of Shillington, Pa., for one year because of violations of meat grading regulations has been upheld by a U.S. Department of Agriculture (USDA) law judge, announced Carol Tucker Foreman, assistant secretary of agriculture for food and consumer services.

The law judge's decision, which became effective Nov. 26, upheld the department's action in withdrawing the services last May 5.

"Normally grading services are withdrawn only after a firm has been given an administrative hearing and the law judge has sustained the charge," Ms. Foreman said. "We took direct action in this case because of the seriousness of the charge against the firm. We will not tolerate physical violence or gross verbal abuse of our meat graders."

According to officials of USDA's Food Safety and Quality Service, meat grading services were immediately withdrawn when a company official used obscene language and physical violence to keep a federal meat grader from performing his duties in the plant. The company later circumvented the withdrawal by getting federal personnel at another plant to certify its products met certain contract specifications.

The law judge upheld the withdrawal of services for one year, and the order became effective when the firm failed to appeal the action within 30 days. The suspension will end May 5, 1978.

Fruity gift ideas told

UNIVERSITY PARK — Each year, the dilemma of holiday gift-giving takes on new complexities, especially when it comes to stretching the holiday dollar. Here are some ideas for holiday gifts from Extension specialists at Penn State that use inexpensive household and garden items. The secret to turning them into super gifts is the addition of fresh oranges, tangerines, and grapefruit, a bit of colorful ribbon and cellophane gift wrap.

One could buy an old-fashioned candy store jar and add a bright red gingham ribbon and a selection of grapefruit, tangerines and oranges.

A glass canister might be filled with fruit and a bit of greenery, then the screw-on lid tied to the bottom with bright velvet ribbon.

A glass pie plate filled with fruit and a colorful oven mitt becomes a special gift when wrapped in cellophane and tied with bright velvet ribbon. An extra-nice touch would be a recipe for a favorite fruit pie.

A woven basket filled with fruit and tied with ribbon is a gift the recipient will be able to keep filled with fresh fruits the year 'round.

A clay flower pot becomes a clever gift for a plant lover, with the addition of denim gardening gloves and fresh citrus fruit.

Another plant lover on the list would be delighted with a redwood planter filled with colorful citrus fruits and tied up in a festive ribbon.

A person could fill an inexpensive teflon-coated skillet with citrus fruits, wrap in clear cellophane and tie with bright calico ribbon. For an extra treat, add a matching spatula.

And finally, what about a dust pan for a gift? It could be filled with fruit, a bit of greenery added, and tied in cellophane for a thoughtful gift.

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Lower market prices

(Continued from Page 90)

with the reported one per cent fewer poults hatched from September 1976 through August 1977. Heavy breeds were estimated to total 126 million, two per cent above 1976, but light breeds dropped 26 per cent to 12 million. The change in the mix toward more heavy-breed and fewer light-breed turkeys reflects the demand for heavier turkeys for further processing.

Turkey meat output in federally inspected plants through September totaled around 1,250 million pounds (ready-to-cook), down nearly three per cent from the same period of 1976. There were five per cent fewer turkeys marketed, but the average liveweight was up nearly two per cent.

Turkey output may about match year-ago levels this fall. Poult production, for marketing during September-December was down about one per cent. However, a larger percentage of these poults are heavy breeds and will result in a continuation of heavy marketing weights.

As of September 1, turkey breeder flock owners in 27 producing States indicated they planned to hold four per cent fewer breeder hens on December 1 this year than in 1976. However, strong turkey prices this Fall and prospects for significantly lower feed ingredient prices for the first half of 1978 will likely cause many breeder flock owners to alter their earlier plans.

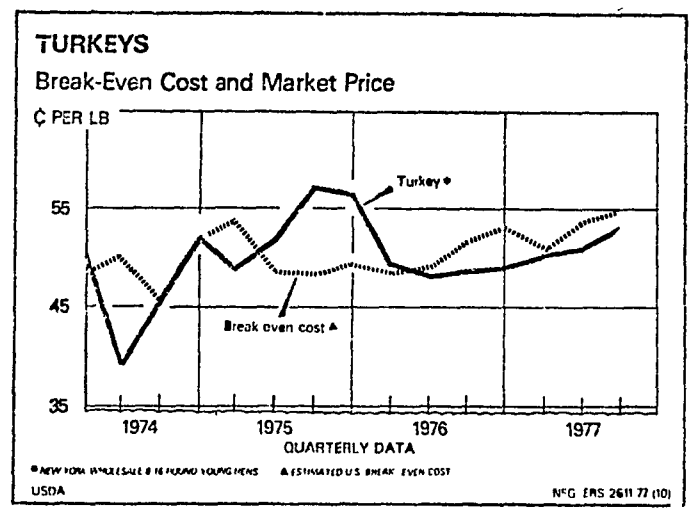
Producers are expected to step up poult production for marketing during the seasonally light period of January-June 1978 – perhaps by around a tenth. However, reduced cold storage stocks on January 1 may result in total turkey supplies in the first half of 1978 showing only a small increase from a year earlier. Output during the second half of 1978 may continue above 1977, but the rate of increase likely will narrow because of sharply larger pork output.

Turkey prices have exceeded year-earlier levels this year. Through September, prices for 8-16 pound young hen turkeys at New York averaged 51.6 cents per pound, 3 cents above a year earlier. The gap between this year's prices and 1976 prices has widened in recent months as supplies have dropped well below last year. October's prices for young hen turkeys at New York averaged 57 cents a pound, 6 cents above July and 9 cents above a year earlier. Turkey prices this fall are expected to average in the high 50's compared with 49 cents a pound during October-December 1976.

Turkey prices in the first half of 1978 will decline seasonally from this fall's level but are expected to average near the 51 cents of January-June 1977. Prices during the second half of 1978 probably will show less seasonal increase than usual and average well below this year because of sharply higher pork supplies and increased production of broilers and turkeys.

Turkey stocks, although increasing seasonally, have declined relative to a year earlier in recent months. On October 1, turkey stocks totaled 406 million pound, 54 million below a year ago. Stocks normally peak in November and then decline through the first half of the following year. Thus, yearend stocks may be the lowest since the early 1960's.

Exports of turkey meat this year are running substantially below 1976.



Through September exports of turkey totaled about 40 million pounds, down 14 per cent from the comparable period of 1976. Exports were lower to nearly all countries, with the largest poundage decline to West Germany. However, there were large increases to Nigeria and Hong Kong. Exports picked up and exceeded a year earlier during July-September, but exports of turkey for all of 1977 likely will not match the 65 million pounds of 1976.

Consumption of turkey meat for all of 1977 is expected to about match the 9.2 pounds per person in 1976. A drawdown in cold storage holdings is expected to offset lower production.

The Outlook for Eggs

Egg production is expanding in late 1977 and is

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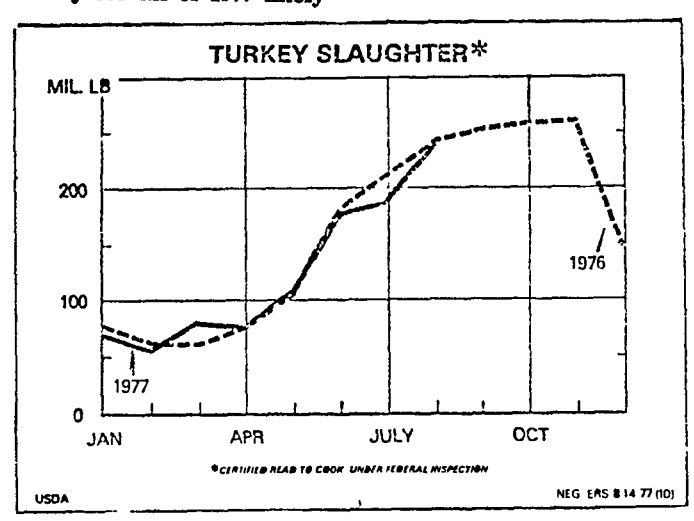

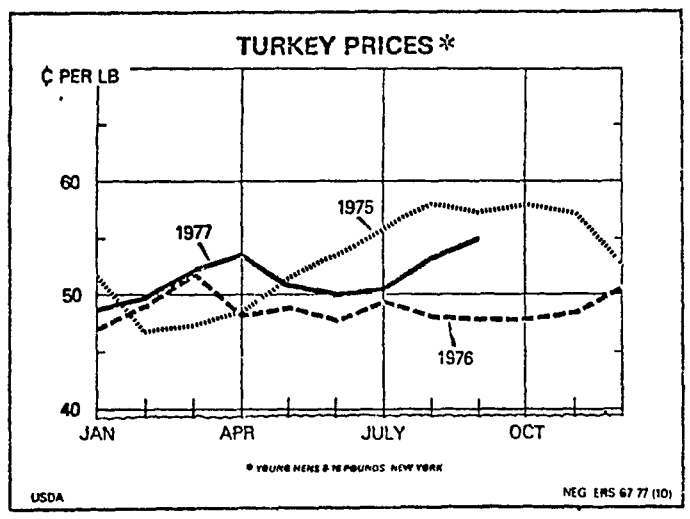

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Lower market prices

(Continued from Page 93)

expected to continue to increase in 1978. Egg prices in 1978 will come under pressure from increased supplies and will likely average moderately below 1977 levels.

Egg production in 1977 has been well below earlier expectations because of the unusual weather and heavy culling of old layers in the first half of 1977. Through September of this year, egg production totaled 4,001 million dozens, down a little more than one per cent from the same months of 1976. Early in the year cold weather caused output to drop sharply below year-earlier levels. Output bounced back in April-May but the unusually hot summer again reduced output. Also contributing to lower than expected production was the heavy cull of old layers in the first half of the year, apparently brought on by the surge in feed prices and uncertainty about 1977 crops.

Egg output has picked up since the weather moderated and moved above a year ago in September. Layer numbers and the rate of lay are gaining on a year earlier and should continue to inch upward in coming months. Layer numbers on October 1 totaled 280.3 million, up nearly two per cent from a year earlier, while the rate of lay was about the same as a year ago. The hatch of egg-type chicks last Spring suggests that six to seven per cent more replacement pullets than a year earlier will be available to enter the laying flock during October-December. Thus, laying flock numbers on January 1 likely will be two to three per cent above January 1, 1977, and output per layer may surpass a year earlier. The laying flock is relatively young because of heavy culling during much of this year.

Layer numbers are expected to stay above a year earlier during most of 1978, even though the hatch of egg type chicks in recent months has slipped below year earlier levels. Chicks hatched during July-September were down two per cent, and eggs in incubators on October 1 were down six per cent from October 1, 1976. However, remember that the severe winter in 1977 caused increased mortality in both laying flocks and replacement pullets. Thus, lower mortality in early 1978 may result in more replacement pullets entering the laying flock in early 1978 than a year earlier. Also the cull of old layers probably will not be as great as during the first half of 1977.

Layer numbers during the second half of 1978 will largely depend on profitability during the Winter and Spring. If producers hold layer numbers two to three per cent above a year earlier, egg prices likely would drop below the cost of production and marketing in early 1978. Producers could respond by stepping up culling of old layers and reducing the number of layers being forced molted. This would result in layer numbers declining relative to the previous year in the second half of 1978.

Domestic shell egg prices this year have been relatively weak since early in the year despite slightly smaller total egg production, increased use by commercial breakers and hatcheries, and large exports, shell egg prices fell below a year earlier in April and have remained lower.

Through September, prices of Grade A cartoned large eggs delivered to retailers in New York averaged nearly 65 cents a dozen, 3 cents below January-September 1976. Prices were well above a year earlier in early 1977 but dropped sharply below in the Spring. Prices fluctuated during the Summer--ranging from the mid-50's to the mid-60's. Prices slipped further in early October to 52 cents a dozen before strengthening to 62 cents by late October. Egg prices may remain strong this fall as demand increases seasonally for the Thanksgiving and Christmas holiday seasons. However, the usual seasonal price increases will be limited by the expected increase in output. New York cartoned egg prices during the balance of 1977 likely will average 10 to 20 cents a dozen below the 81 cents a dozen for November-December 1976.

If egg production in the first half of 1978 runs two to three per cent above 1977 levels, as now seems probable, egg prices will continue below a year earlier. New York prices may average around 60 cents a dozen in the Winter before dropping to the low 50's in the spring. This would compare with 75 cents and 58 cents in the first and second quarters of 1977. A continued expansion in egg output could result in egg prices in the second half of 1978 averaging in the mid-to-high 50's. This means that market prices for eggs likely would not cover the costs of production and marketing.

U.S. imports and exports are up sharply this year. Imports of shell eggs and egg products from January to September totaled 15 million dozens (shell equivalent) – up 13 million from the very low levels of 1976. Most imports were shell eggs from Israel, Canada and Mexico. Imports normally account for less than one-half of one per cent of our total egg supplies. Although egg imports were up sharply, they were more than offset by gains in exports. Export of shell eggs and egg products during January-August increased almost 20 million dozen to 46 million dozen, shell equivalent. Most of the increased exports this year were to Hong Kong and Venezuela. Exports in recent years have amounted to less than one per cent of total egg supplies.

Shipments of shell eggs and egg products to American territories through September totaled 20 million dozens (shell equivalent) down from 22.4 million a year earlier. Shell egg shipments were down almost 25 per cent to 15.6 million dozens, while egg products gained 81 per cent to 4.0 million pounds.

A bright spot in the egg industry this year has been the sharp increase in shell eggs going to breakers. Commercial egg breakers through September had broken 19 per cent more eggs than the 440 million dozen in the same months of 1976. Weekly reports indicate that breakings continued to run above last year through October.

With the rise in egg breakings, stocks of frozen egg products moved above the very low levels of a year ago during July but are still well below other recent years. Cold storage holdings of frozen egg products totaled 34 million pounds on October 1, up 17 per cent from a year ago but still a third below two years earlier.

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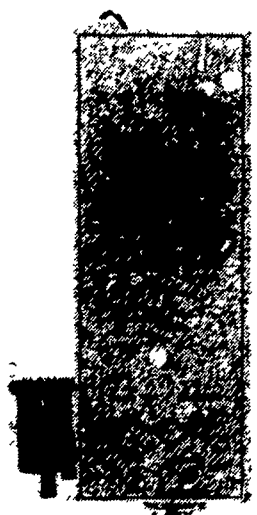

Many experts agree that about 55% of the labor required to operate a dairy farm is spent in the milking operation. That makes efficient, productive use of a dairyman's labor input absolutely critical to his success.
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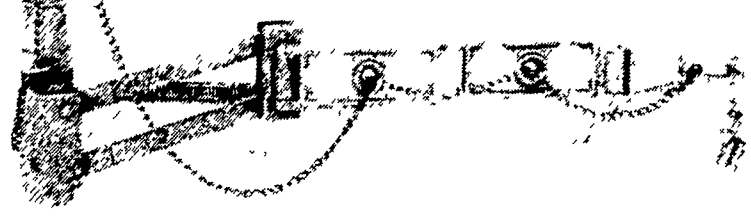

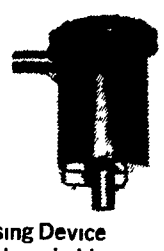

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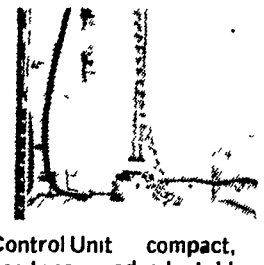

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Bigger barn bettered milk production

By DIETER KRIEG

WALNUT PORT – Building a bigger barn which replaced stanchions with free stalls has done wonders for Glen Williams, a Northampton County dairyman whose 214 cows average more than 15,500 pounds of milk and 600 of butterfat.

Williams, who is quick to point out that "12 employees make this place click, not just me," and adding that he's currently searching for a good hired man, used to have 153 cows milked in four shifts in a 40-stanchion barn equipped with a pipeline. "Three or four guys ran their tails off milking and feeding," remembered Williams, a youthful looking dairyman who has directed farming operations here for more than 10 years. Average production in the old barn was around 12,000 pounds of milk per cow per year. When the giant new barn was built in 1975, Williams was convinced by agribusiness people that milk yields would drop. Instead, production came up dramatically.

Reasons for the fast increase are no mystery to the young dairyman. "They get better feed, there's one stall for each cow and they're grouped according to production," Williams explained in quick order.

Measuring 90 feet by 240 feet, the new barn contains 200 free stalls, each measuring four feet in width and seven feet in length. The clay base of the stalls is one of the few specifications which Williams isn't entirely satisfied with. He'd give strong consideration to going to concrete or blacktop stalls, he indicated. Sawdust is currently used for bedding. The next time the stalls are filled, Williams plans on adding several tons of lime to the sawdust, explaining that it's an experiment to see if that procedure might lessen occurrences of uterine infections. As owner-manger of one of the largest dairy operations in Pennsylvania, Williams is very conscious of preventive medicine and final profits. He does not consider rubber mats to be suitable in free stall facilities, claiming that they're a mess too if they're not cleaned.

Glen Williams, Northampton County dairyman, improved annual per cow milk production by 3500 pounds in two years when he switched from conventional housing to a 200-stall free-stall barn. There's little he would change if he had to start over again.

Williams divides his milking herd into four groups, 50 cows in each, with feed levels varying according to production. Currently, his top group is being fed for 80 pounds of milk per day. "You definitely base your feeding on more milk than you're going to get," added the dairyman, noting that this is to make some allowance for cows producing around 100 pounds of milk per day and first calf heifers which have some growing to do. His second group is currently fed for 68 pounds of milk; the third for 45 pounds, and the last for 35 pounds. Adjustments are made each month, and sometimes in between.

Williams emphasizes that it's very important to know the stage of lactation for each cow when cows are grouped according to production. "It's just as important as the milk weight," he pointed out.

Understandably, records play a very important role in management of Williams' herd. "It's something I couldn't see spending time for when we first started, but I see now that it's time well spent," he admitted.

When DHIA results are returned, Williams and his feed representative spend about six hours calculating new rations and regrouping cattle. A lot of time is spent in between tests to make additional adjustments as deemed necessary. A total mixed ration is fed with a mixer wagon twice per day. Once a day feeding was tried and resulted in lost production.

Despite the fact that Williams' barn was designed to be roomier than most other barns for 200 cows, the Northampton Countian says he'd build his alleys wider yet if he had to do it over again. Feed alleys are presently 14 feet wide. He'd make them 16 feet wide to allow for more room

(Continued on Page 120)

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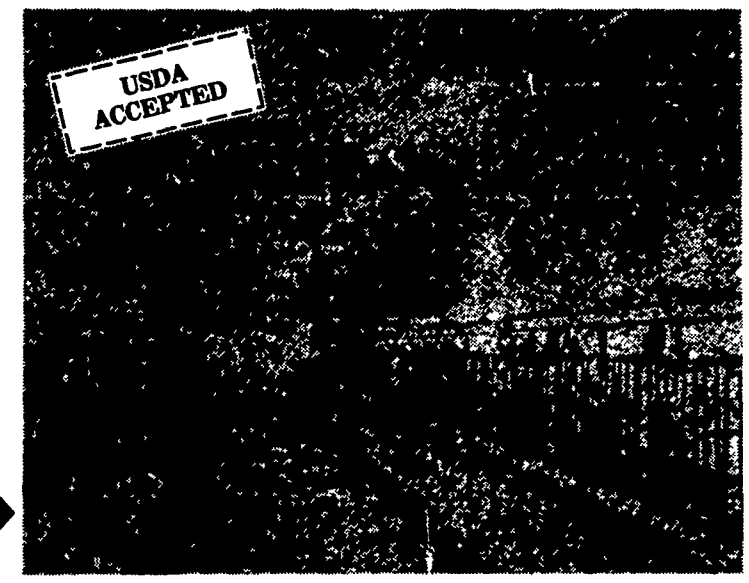

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And trees may even enable you to raise steers more efficiently. So says Reginald Speir, soil conservationist.

Foresters can estimate the quality of wood which can be grown on an acre and economic returns which can be expected on the initial reforestation investment, but seldom does anyone consider or even think of the tremendous influence which trees have on environment and people.

One acre of well stocked pine timber will produce enough oxygen for 18 people to survive on for a year. Trees absorb polluted air in the form of carbon dioxide and release oxygen as a by-product and remove 1.5 tons of carbon dioxide from the atmosphere.

That shade tree you planted to shade your home also acts as an air conditioner. This is because the daily evaporation rate from a single well-watered tree can produce more than one million BTU's. This is equivalent to 10 room-size air conditioners operating 20 hours a day.

Another interesting fact is that livestock protected by a windbreak will gain faster and require less food. Protection from winter winds will increase the amount of food which is converted to meat.

Flat hard surfaces such as roads, streets, and buildings tend to "bounce" or reflect sound waves from such noise producers as cars and trucks, and planes and trains. A stand of timber will absorb such waves and muffle sound through the same principles as those used in acoustical ceilings. Decreased noise levels reduces stress on man's mental facilities even though the individual says he is used to the noise, and it doesn't bother him.

xxx

American teeen-agers have almost 600,000 babies each year, reports The National Foundation-March of Dimes. Teen-agers, 17 and under, have the highest rate of any age group of dead or damaged babies.

Corn management clinic set for December 13

NEW HOLLAND - The Garden Spot Adult Farmer Program will sponsor a Corn Management Clinic for area farmers on December 13, 1977, at 7:30 P.M., in the agriculture classroom of the Garden Spot High School. This will be an educational meeting with agronomists, regional field men, or other representatives from several major seed corn companies serving the area acting as a panel to discuss the management of the corn crop from production through marketing. They will be discussing a wide range of topics including minimum tillage, weed and insect control, fertilization, growth stimulants, population, recent research that looks promising, and tips to reduce costs or increase profits.

Many area farmers are able to grow outstanding crops but lose a good portion of the value of the crop by leaving too much in the field, having storage losses, and maintaining poor marketing procedures. Many misunderstandings about the pricing and grading of corn with respect to quality exist.

The panel will also discuss management with respect to field and storage losses and special attention will be given to marketing and buying corn by Randy Bozarth, branch manager of Cargill Grains' Marietta branch. He will discuss grain standards, economics of storage, forward contracting and give tips on how to get the top value when buying or selling corn.

The meeting is open to all area farmers. Refreshments will be served.

Produce firms lose licenses

NEW YORK, N.Y. - One Maryland, one New York, and one Pennsylvania produce firm have had their trading licenses suspended following failure to pay reparation awards issued by the United States Department of Agriculture.

Natalie A. Pacileo Picardo, who does business as Erie County Farms Outdoor Market, in Erie, was suspended for failure to pay $6,127 to the Pennsylvania Credit Association for fruits and vegetables purchased during August and September of 1976.

John E. Russo Produce Co., Inc., of Syracuse, N.Y., was suspended on October 31 after the firm failed to pay $8,415 to a Washington shipper for a truckload of apples and pears shipped in December 1976.

The failure to pay a $1,622 reparation award also caused the trading license suspension of LeRoy Wesley Graham and Albert Smith, of Goldsboro, Md., who do business as Graham and Smith Produce, formerly trading as Town and Country.

USDA's Agricultural Marketing Service ordered payment of the awards after the firms failed to answer charges in the various complaints.

As a result, one of these eligible to operate the produce business under the Perishable Agricultural Commodities Act (PACA) until they satisfy the awards. Furthermore, they may not be employed by or affiliated with any licensed firm without USDA approval.

The PACA establishes a code of good business conduct for the produce industry. It requires that interstate traders in fresh and frozen fruits and vegetables be licensed and authorizes USDA to suspend or revoke a trader's license for violating the Act.

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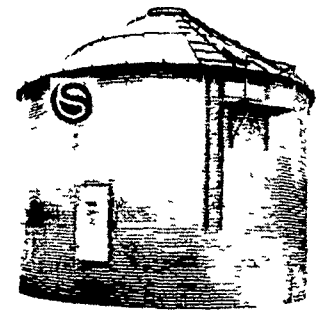

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24-7	8,064	3,741	2,310
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30-7	12,804	5,287	3,265
33-7	15,708	5,951	3,675
36-7	18,948	7,043	4,349
42-7	26,481	9,449	5,835
48-7	35,436	11,907	7,353

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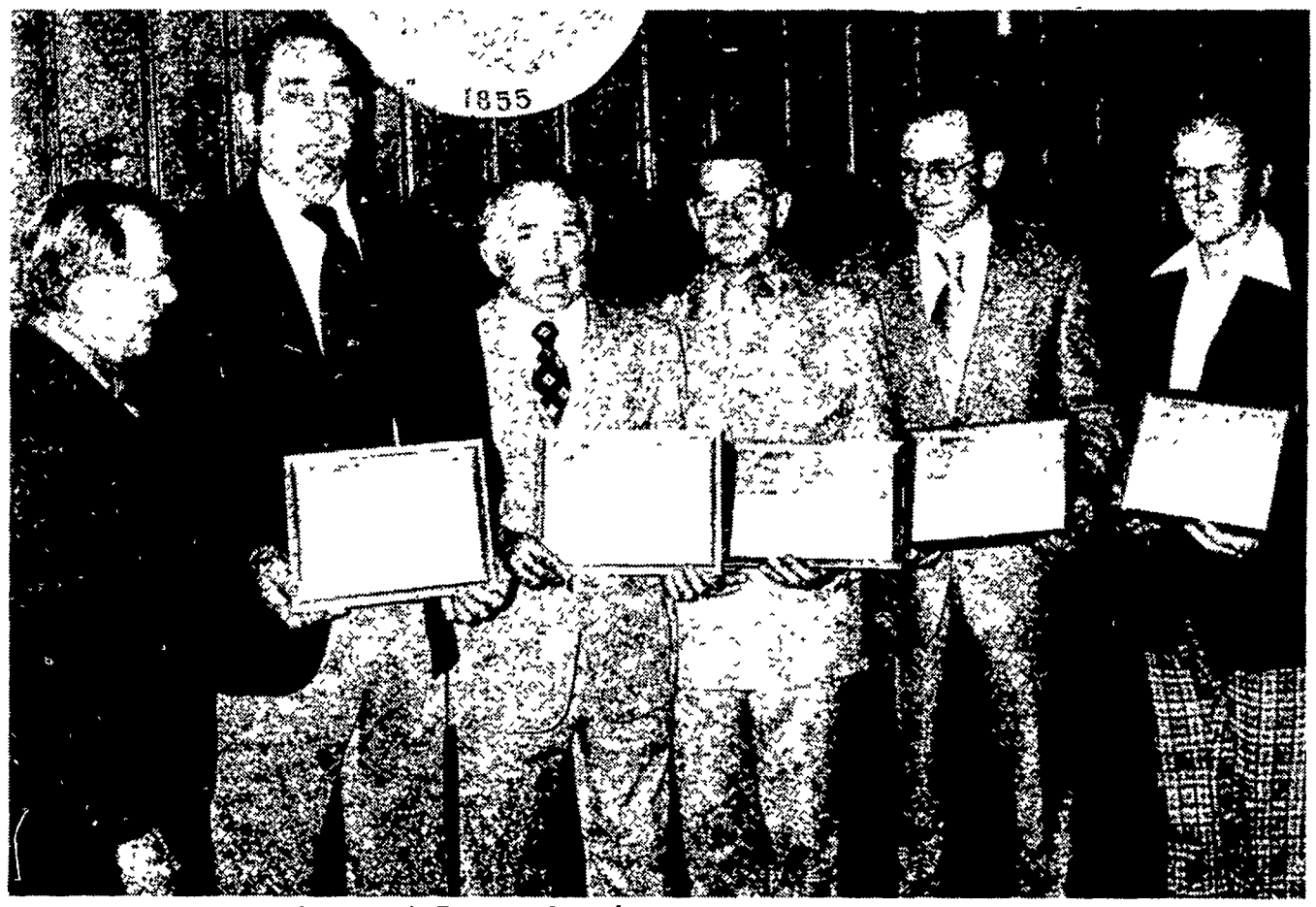

1977 Outstanding Grassland Farmer Award winners from left are: Dr. John E. Baylor, Penn State Extension agronomist, project coordinator; Leroy Shrock, of RD1, Dayton; Harry S. Hillegass, of RD3, Berlin; Ralph E. Dotterer, of RD2, Mill Hall; Wallace A. Mellott, of Star Route 3, Harrisonville; and William R. England, of RD1, Williamsburg. The five Pennsylvania farmers were named winners of the 1977 Outstanding Grassland Farmer Awards presented by the Pennsylvania Grassland Council. The awards were made at the annual Forage and Seed Conference held recently at Penn State.

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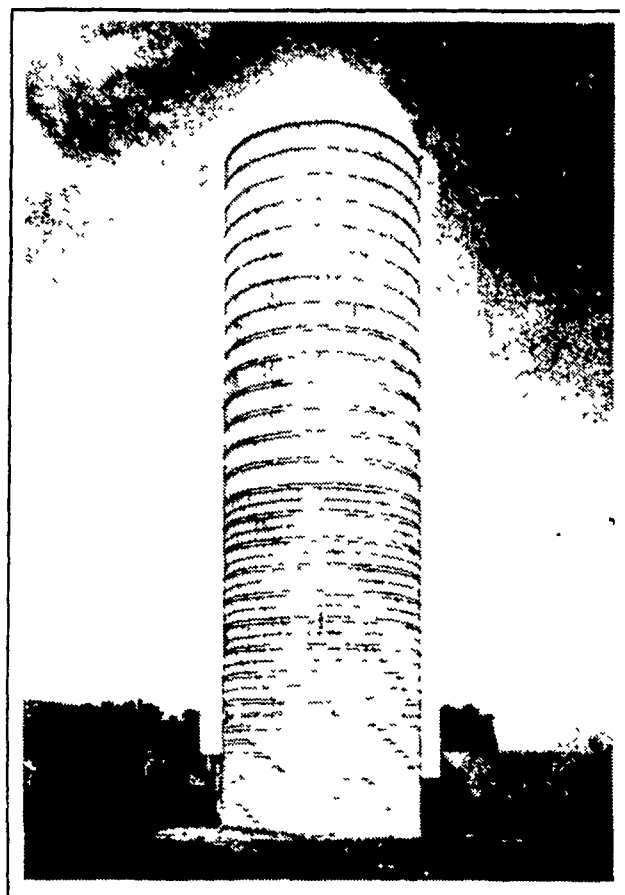

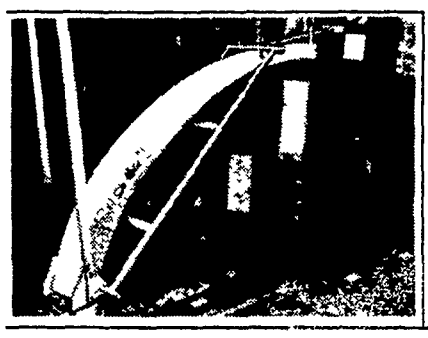

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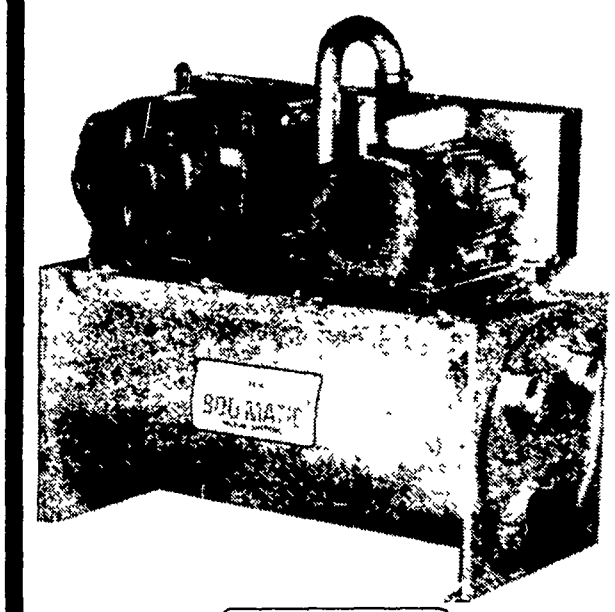

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Assessing the current wheat dilemma

By JERRY WEBB
University of Delaware

Farmers who produce traditional field crops only aren't smiling much these days. Memories of their past good fortunes fade quickly as they face a difficult marketing period. The typical crops farmer who grows wheat, corn and soybeans, has found that all of these crops are going to market this year at prices close to or below cost of production.

Some of this gloom is still speculation, but the wheat crop is in the bin and production figures are solid. The nation's wheat farmers have come up with another two billion bushel crop. That's being added to a billion bushels carried over from last year.

So the wheat farmers of this great nation are about where they were five years ago before the famous Russian grain deal. Only this time inflation has pushed production costs even higher. That means it's even easier for them to lose money this year than it was back in 1972.

The world grain market is a fickle customer and from all indications it looks as though there won't be any substantial new deals with foreign buyers this year to bail farmers out. The Russians continue to buy at a predetermined level, but no new buyers are waiting to snap up our surpluses.

The question remains, what will we do with all that wheat? Every farm magazine that comes across my desk tells how to feed wheat to livestock as an alternative to corn and other feed grains. But that's not really much of an answer

Jerry Webb

since we have too much corn also. Farmers could ask consumers to eat another loaf of bread every week and maybe that would help, but chances are pretty good that consumers wouldn't do it. Even though it's the staff of live demand remains rather low and rather constant for bread and other wheat products. So farmers will just have to take a beating on wheat if they plan to market it any time in the foreseeable future.

Those who yelled about selling our wheat to Russia and who worried about running short surely must have their answer by now. And that is that American farmers can produce so much more wheat and so much more of several other food and feed crops than we can possibly use that world markets are our only hope.

Plans are being made in Washington to idle acres next year. The Earl Butz philosophy of farming to the fence rows is being abandoned for a more conservative approach, one that will have farmers produce considerably less than they will probably harvest this year.

The biggest victim of this overproduction is the farmer himself who must pay out huge sums of money in production costs and get back very little in return. Look what happened back in 1972 when the wheat buildup was so large. The U.S. supply of wheat that year was 2.4 billion bushels. That was nearly three times what American consumers used the year before. Farm prices were so low that the government paid out a record four billion dollars to farmers, including 856 million dollars to wheat producers to hold more than 60 million acres out of production.

Against that supply situation, consider the Russian grain deal. In that same marketing year the Russians bought 1.1 billion dollars worth of grain and soybeans from the U.S. They purchased through private exporting firms at competitve world prices. But world prices were lower than the level of farm prices maintained by the U.S. government, so subsidies had to be paid. In fact, the Russians received about 160 million dollars in export subsidy that year.

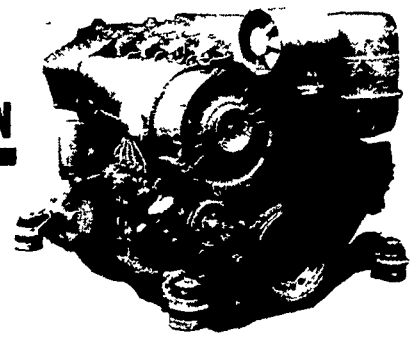
The biggest victim of the Russian grain deal was not the consumer who felt cheated out of his bread supply; it was the farmer who sold before the prices went up. Farmers who went to market in July of 1972 averaged $1.32 a bushel. By August, the price was up to $1.51. And those farmers who held on until June of '73 received $2.43 a bushel. By January of '74 wheat prices averaged $5.29. But now supplies have built back up again and prices are already back down to about $2 a bushel.

There was no dollar a loaf bread as the baking industry predicted. There was no shortage in spite of tremendous sales. Farmers responding to those favorable prices went out and produced more wheat than could be eaten at home or sold anywhere in the world. So now we're back to a position of trying to produce less wheat next year so that farmers won't face the same disasters they face this year.

If there is one obvious lesson in this five-year wheat cycle it's that American farmers need dependable export markets if they're going to go all out in producing food. Without those markets they face a very uncertain situation where surpluses bogg down the marketing system and rob them of their rightful profit.

The surpluses were gone and farmers were operating in a free, profitable market. Their response to profit was too great and now they're back in the surplus mess again. This time I don't think they can even hope for a new world market.

ATTENTION



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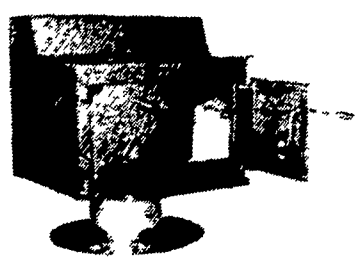

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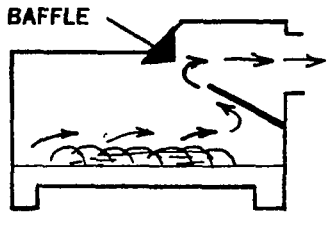

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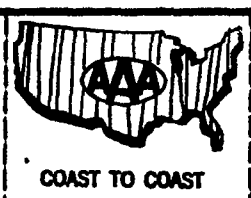
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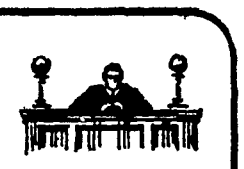
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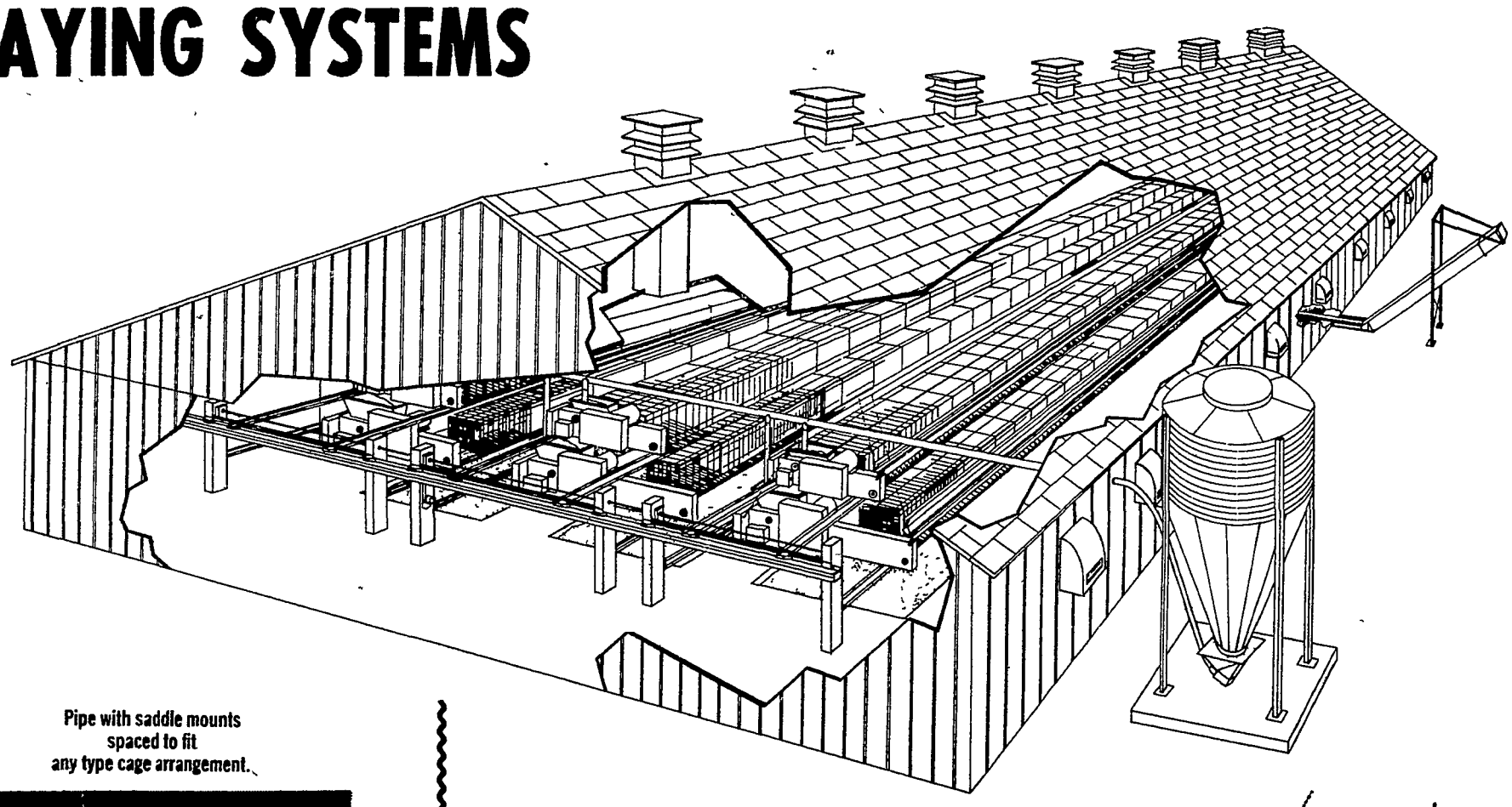

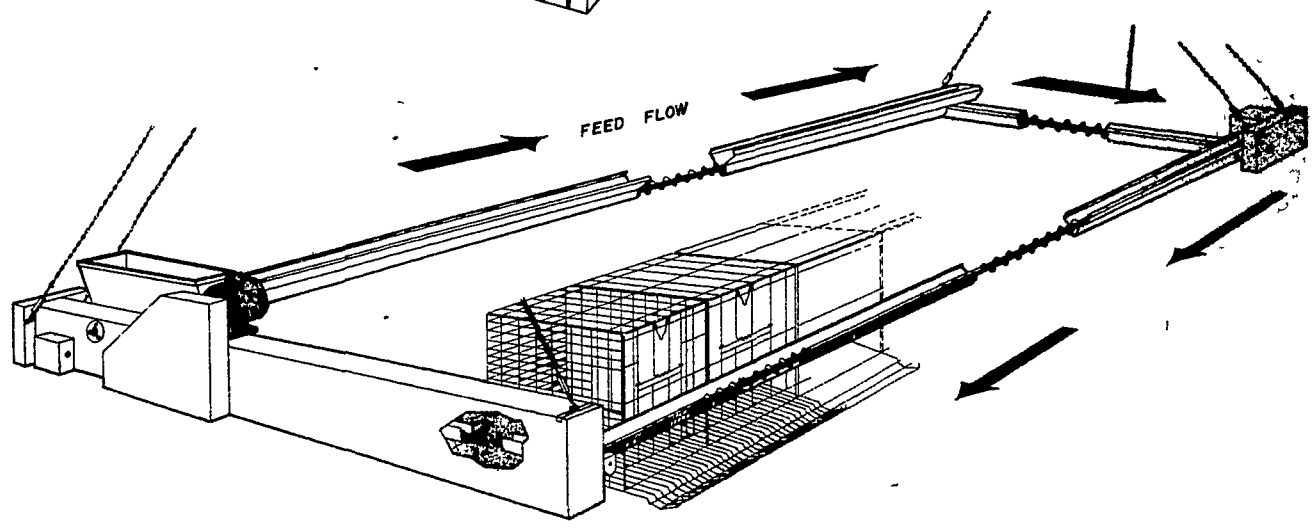

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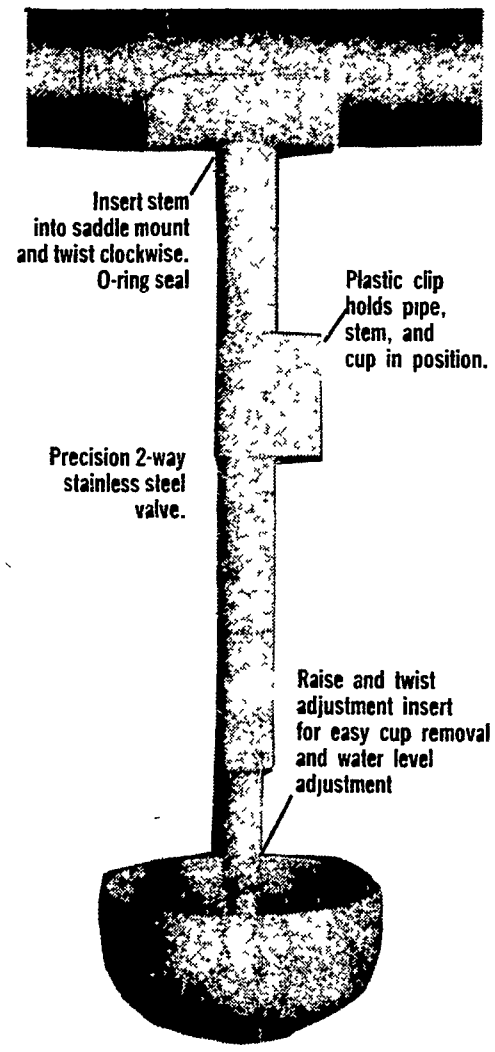
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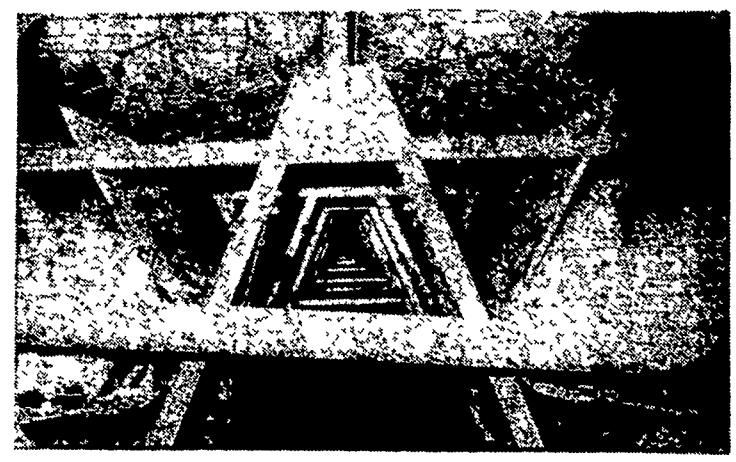

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Micro-mini tractor pulls gain in popularity

Toy tractors aren't just for kids

By JOANNE SPAHR

SCHOENECK -- The crowd waits in quiet anticipation, keeping their eyes on the track. In the pits, contestants mill around their tractors, adjusting the front and rear weights and checking tires as they prepare for the next class to begin.

Suddenly, the scream of an engine slices through the air and all eyes turn to the tractor approaching the starting line. Sending up a cloud of smoke, it struggles against the formidable sled opponent to its rear, with its tires clawing for the track ahead.

In a short time the event is over, and the official runs to check the distance. The pull measures 14 feet, and with a smile the driver picks up his tractor and heads for his work area to change weights for the next class.

This sport is called micro-mini tractor pulling, and instead of dealing with huge diesel engines, thousands of pounds of machinery, and the same amount of investment, it involves "toy" tractors, model airplane engines, and a little over $100 initial investment.

"I have to admit it hooks you," said one contestant from Delaware who competed in a pull held recently in Lancaster County. "You can get a lot more than $100 wrapped up in it once you get started."

But, getting started is the key. All it takes is a 1/16th scale farm tractor model which has been altered to mount a model airplane engine and a gear reduction mechanism between the miniature tractor's rear wheels.

The minipull, which is patterned after large scale tractor pulls, was born in Missouri with competitive pulling beginning there about three years ago. The sport has since caught on around the country.

Taking place on a 16 by 2 foot plywood track, the object of each sport is to pull the miniature weight transfer sled the furthest distance in the allotted time period – about 18 seconds. The ultimate is a full pull, which is 15 feet.

Steering in a micro-mini tractor pull is done by touching only the front side of the tractor with a pencil or a flat stick held in a vertical position.

To keep the sport competitive, engines can be no larger than .051 cubic inches with of these power plants winding out to 20,000 rpm. In the hot rod division, the motor may not exceed .20 total displacement.

By changing gears and adding wheel and front-end weights, a puller can use one tractor to compete in the three, four, and five pound weight classes. The six pound class is optional.

Actually, while the large pulls are louder and visually more impressive, the minipulls are more powerful – pound for pound – than the real McCoys.

"These engines pull anywhere from eight to 10 times their weight," said a puller from the Blue Hen Micro Mini Pullers club, recently. This is in comparison to full-size rigs which pull on about a one-to-one ratio.

To guide these miniatures, each contestant is allowed to use a pencil or a flat stick held in the vertical position. Any pushing, battering, or pulling of the tractor causes the puller to be disqualified. The purpose is to guide the

(Continued on Page 121)

Unlike full-size tractor pulls, weighing in during micro-mini competition is done with a baby scales.

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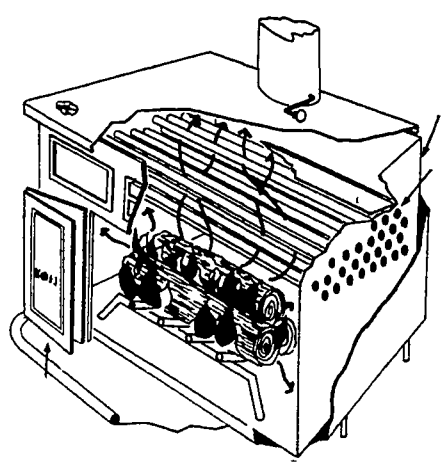
Can heat your whole house, even when it's zero outside!



A 1¼" water jacket surrounds the fire on back, sides and bottom. This allows you to place the Hydro-Heater Franklin within 6" of any wall or partition, because the outside temperature never exceeds 210°.

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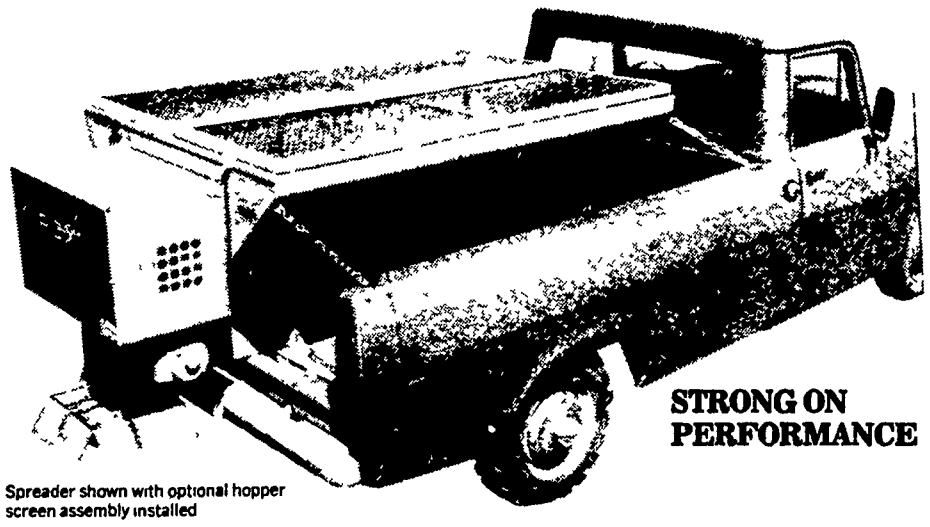

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Carlisle and Mechanicsburg Chamber of Commerce hosted area farm families during the Farm City Week on November 22. Louis Moore, Penn State University Extension ag economist (2nd from right) spoke to the gathering on the topic "A Changing Agriculture in a Complex World." Karen Smith, Cumberland County dairy princess, gave her presentation indicating the merits of milk in the diet. Shown with the dairy princess and Moore are the presidents of the Carlisle and Mechanicsburg Chamber of Commerce - Robert Stover of Carlisle and John Hulse of Mechanicsburg. More than 90 Farm and City people attended the Farm-City Week activity designed to bring about a better understanding between rural and urban segments of our society. The farm families will invite the Chamber families to their farms during the Farm-City Exchange Week on July 14 to 23 next Summer.

Mail is essential in government

By Congressman
Bob Walker

WASHINGTON, D.C. - I cannot overemphasize how essential constituent mail is to the governmental decision-making process. It not only serves as a very useful guide in establishing priorities for congressional attention but is very helpful in formulating my own position on a given issue.

In working with the mail this week I took particular note of four subjects about which the people of the 16th District have consistently expressed their concern. First of all, the increasing burden and cost of taxes. I have received a large amount of mail that in one way or another expressed the feeling that the cost of government to the average American taxpayer has gotten completely out of hand. In response, I have cosponsored and strongly advocated an across-the-board tax rate cut of 30 per cent.

Of course, the Panama Canal treaties have also been the subject of a large volume of my mail. For the most part, the residents of our area adamantly oppose these new treaties as signed by President Carter. Along with my colleagues, I am hopeful that by consistently speaking out against these new treaties, we can convince the Senate to reject them because they are not in our national interest.

Perhaps because it's hunting season my mail has had a lot of sentiment expressed recently against gun control legislation. I have long been an opponent of any gun control legislation and this strong sentiment is very welcome to me because I believe it is quite possible President Carter is considering a gun control proposal.

And lastly, the mail indicates an ever growing concern about special interest power. While various groups continue their lobbying efforts on Capitol Hill I have been prompted by the amount of citizen concern to speak out against those special interests which make up big labor, big business and big government. In addition, I have been motivated to vote against all legislation that I believe would serve only the ends of these special interests at the expense of American citizens.

Ayrshire club meets

BROWNSTOWN – Donald and Sandra Shetterly, Millersburg, Pa., gave a presentation of their recent trip to England and Scotland, where they attended the Third World Converence of Ayrshire Breeders, at the annual meeting of the Southeastern Pa. Ayrshire Club held at the Brownstown Restaurant December 6.

Also at the meeting Susan Kulp, Pottstown was informed that she won a Reg. Ayrshire heifer calf for having the best F.F.A. project in the district. The calf will be picked from the herd of James Martin, Stevens, Pa.

The club will co-sponsor a consignment sale in July at Carlisle, Pa.

The following officers were elected: President, Harold Kulp, Pottstown; vice president, Mrs. Ann Young, West Grove; secretary-treasurer, Kennard Henley; Cochranville; directors for two years, George Seidel, Womelsdorf; and Ellis Mentzer, New Holland; directors for one year, Warren Schmuck, Peach Bottom; and Robert Campbell, Narvon; Pa. state director, Charles Gable, Elverson; and Red Rose D.H.I.A., director James Martin, Stevens.

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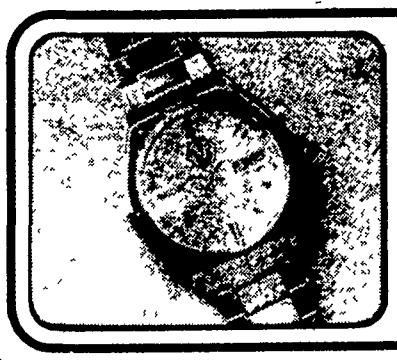

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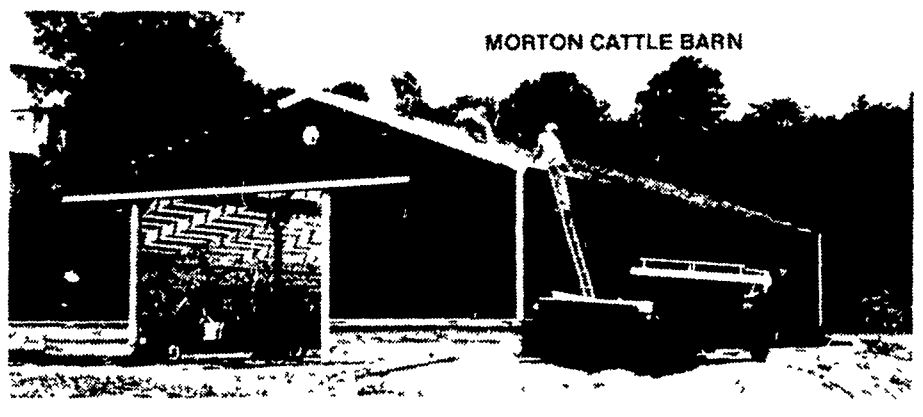

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Farmer tells U.S. labor to wake up

Walter D. Carlin operates a large hog and steer farm in Bedford County and was prompted to write this article after having read two stories in the Nov. 21 issue of U.S. News and World Report entitled "If the Steel Industry Is To Survive," and "Strikes End Labor's Calm With More Unrest to Come." A copy of the article appearing on this page of **Lancaster Farming** was also forwarded to U.S. News and World Report and the **Bedford Gazette.**

Carlin is a former Chester Countian, having operated a poultry farm about five miles south of Coatesville. A husband and father to five children, the author has lived and worked in Bedford County for five years.

By WALTER D. CARLIN, JR.

As a farmer, I would like to have you think briefly with me on these thoughts.

It is a well-known fact that since 1950 farm production per man hour has increased nearly two and one half times as rapidly as has productivity per man hour in industry. Because of this tremendous achievement, American food is a better bargain today both at home and in world markets than ever before. Food costs average about 16 per cent of the American worker's take-home pay while in other major countries, workers must pay a much larger share of their wages for food – as high as 60 per cent. Domestically, this abundance of food production has enabled Americans to divert vast amounts of worker's income and labor to provide us with a fabulous living standard, including everything from automobiles, highways, schools and homes to television sets, motorboats, camping trailers and overseas vacations. Competitively priced food is our greatest exportable asset in keeping our trade deficits from swallowing us.

How has this miracle come about? When the farmer wakes in the morning, he knows exactly what tasks must be completed before he can go to bed that night. He also knows that if he doesn't do them, no one else will! He will not be slowed down by a headache or backache. He hustles all day long! He is not ham-strung by work rules and job classifications.

A farmer will continually increase his productivity by investing profits and anticipated profits in new equipment and technology which promise to make his work easier or potentially more rewarding. His efforts have succeeded beyond measure in supplying the world with food and fibre which is affordable!!

However – I offer that this achievement could have been equalled or exceeded by industry if not for these obstacles to industrial efficiency.

Traditionally, when management shows a profit (or even if it doesn't), union labor is always ready to demand a big share of action irregardless of whether this profit is related to productiveity per man hour or should be attributed to superior managment decisions, i.e., capital investments in plants, machinery, technology and inventories.

Labor is always there, through threat of strikes, with new demands for higher pay, longer annual vacations, additional paid holidays, increased benefits in hospitalization and dental plans, earlier and costlier retirements, 13 week paid vacations each five years, job protection schemes and infringement on management's prerogatives to reclassify and eliminate jobs according to changing work situations.

Coming from a steel town, I have friends in executive positions in the steel industry who quickly point out that they would drop one-third of the work force and produce just as much steel. However, many of the above mentioned union-gained restrictions on management have tied their hands.

In these trying days when steel companies are crying in the face of non-existent profits, when employees are losing jobs and faced with further losses of employment, when both corporations and unions are demanding protection from foreign imports, which easily compete for our domestic markets with our obviously over-priced products, I say to the greedy unions – Wake Up! Roll up your sleeves and do what the American farmer has always had to do – an honest day's work for an honest dollar!

During this same period, our once unequalled industrial strength has been bled and drained by greedy unions of its potential to reinvest adequate amounts of capital in new plants and manufacturing facilities.

Wake up American labor! – It may not be too late to allow industry to rebuild and recapture the once earned and deserved position as the giant of the industrial world.

American agriculture these past 25 years has become the strength of our country and the envy of the world. Without our tremendous exports of food and fibre to a competitive world market to strengthen our international trade balances, this nation would be bankrupt.

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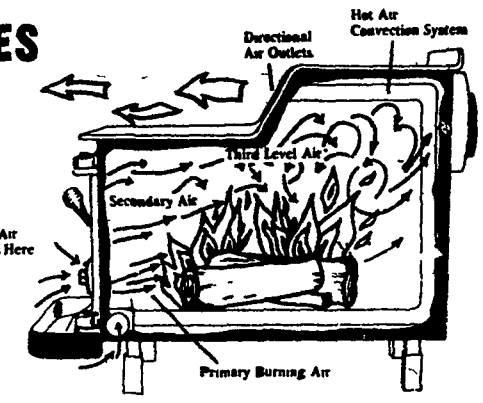

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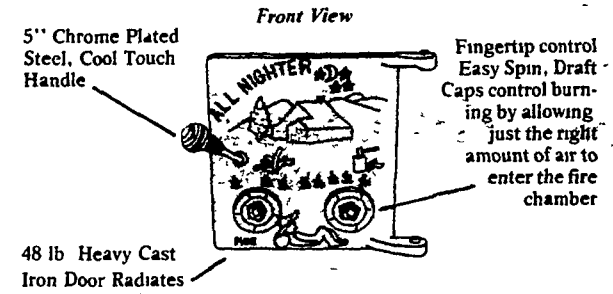
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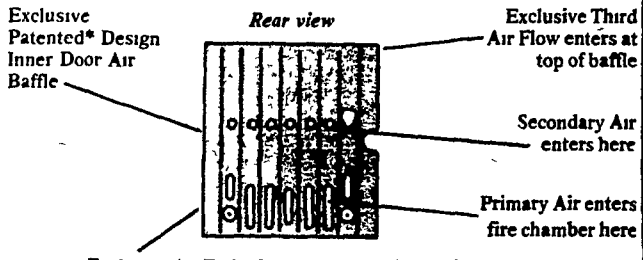
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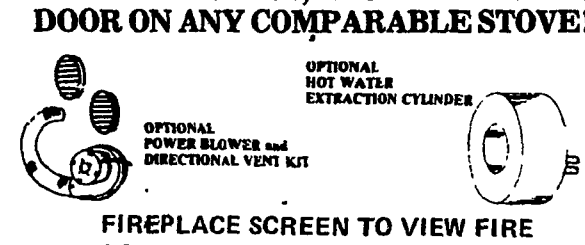

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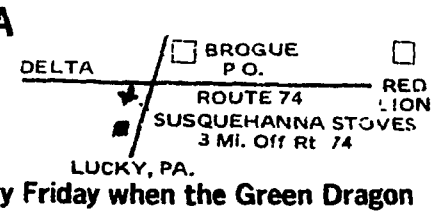

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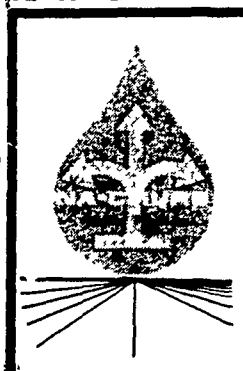

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Christmas Tree Lane at Longwood Gardens features over 70 trees decorated with thousands of miniature lights. It can be viewed Dec. 16 through Jan. 1, 5 to 9 p.m.

Longwood's Christmas Garden to be in full bloom

KENNETT SQUARE – Longwood Gardens, near here is celebrating the holiday season with one of the largest and most festive displays of Christmas decorations ever. Dozens of decorated trees, thousands of poinsettias, and tens of thousands of miniature lights fill the gardens both indoors and out with holiday sparkle.

From December 16 through January 1, the daily conservatory visiting hours, 10 a.m. to 5 p.m., are extended from 5 p.m. until 9 p.m. During these evenings the lighted Christmas Tree Lane and the illuminated conservatories will enchant young and old alike.

Christmas Tree Lane is Longwood's gift to the community. Seventy-six trees, from bare deciduous trees to towering evergreens, are draped with 40,000 clear and colored lights. Longwood employees work for weeks to create the glistening forest which can be viewed by anyone who drives through the main parking lot.

Visitors who purchase a daily admission ticket enter the conservatories where Longwood's Christmas garden is in full bloom. Inside the heated, glass-enclosed structure nearly three thousand poinsettias surround green lawns like red velvet borders.

Longwood's poinsettias also come in pink, cream, and speckled hues. All are grown in a variety of sizes and forms. Most plants are between one and four feet tall, permitting graceful variation in the flower border heights. There are seven-foot-tall poinsettia trees and poinsettia hanging baskets three feet wide. The baskets are suspended high above the greenhouse pools like great ruby baubles.

Many of the flowers blooming indoors recall the horticultural traditions of an Old Word Christmas. Hundreds of paper-white narcissus, lilies-of-the-valley, Roman hyacinths, Wedgwood iris, and cyclamen - all perferred by Europeans over poinsettias - add early Spring perfume to the air.

One of the brightest spots in the conservatories is the newly-installed Azalea House winter display. Lighted trees and topiary welcome visitors as they approach the entrance. Inside, American hollies form a verdant backdrop for three graceful pools gently overflowing one into the other. Red and Yellow Jerusalem-cherries, snow white cyclamen, and coral red Siberian dogwood add exquisite touches of Christmas color.

(Continued on Page 118)

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County dairy bowl contest revised

CHAMBERSBURG – The Franklin County Dairy Bowl Committee met November 22 at the County Extension office to revamp the present Dairy Bowl Contest on the county level. Revisions made were aimed at making the contest more fair, more fun, and more educational to as many dairy 4-Hers as possible.

The state-winning Franklin County Dairy Bowl Team returned from the Northeast Regional Contest in Virginia enthusiastic over the format of that contest, and anxious to use some of those rules and ideas in Franklin County. A revised, detailed list of rules will be available from the Extension office later.

A team will consist of three members specifically. A junior member will be able to serve on a senior team, if there is a lack of senior club members. However, a senior may not serve on a junior team; and no one may serve on both a junior and senior team in the same contest.

Each contest between two teams will consist of three rounds. The first round is an individual effort, which will consist of 12 questions worth five points each. Each team member must answer their questions in turn, (alternating teams), without team mate help. There are no deductions in this round for wrong answers.

The second round is a team effort, with 10 questions worth 10 points each, where the moderator asks a question of each team in turn. Discussion will be allowed between team members, and there will be no deductions for wrong answers.

The third round will be the competition round, using the signalling devices, where the first person to press the button must answer the question. In this round there will be 16 questions worth 15 points each, and 10 points will be deducted for each wrong answer. There no longer will be any toss-up and bonus questions as before, just straight questions.

The first contest will be held at the end of January. Rules, questions, schedules and further details will be sent to members by the Extension Office.

Course set on pesticides

LAMPETER - The agriculture department of Lampeter-Strasburg High School is offering a five-week course in the application of "restricted use" pesticides.

New legislation requires farmers to purchase and apply "restricted use" pesticides to have completed and passed a course on proper methods and dangers of the chemicals. The course, however, does not certify commercial applicators.

Under the direction of agriculture instructor Gerald H. Phillips, the course will begin on January 30, from 7:30 to 9:00 p.m. and will continue until the end of February. Sessions will be held in the agriculture room in the high school.

Registration for the course should be completed before December 21 by contacting the agriculture department or Phillips through the high school office. A $10 fee covering the cost of materials and tuition is also required. Phone 717-464-3311.

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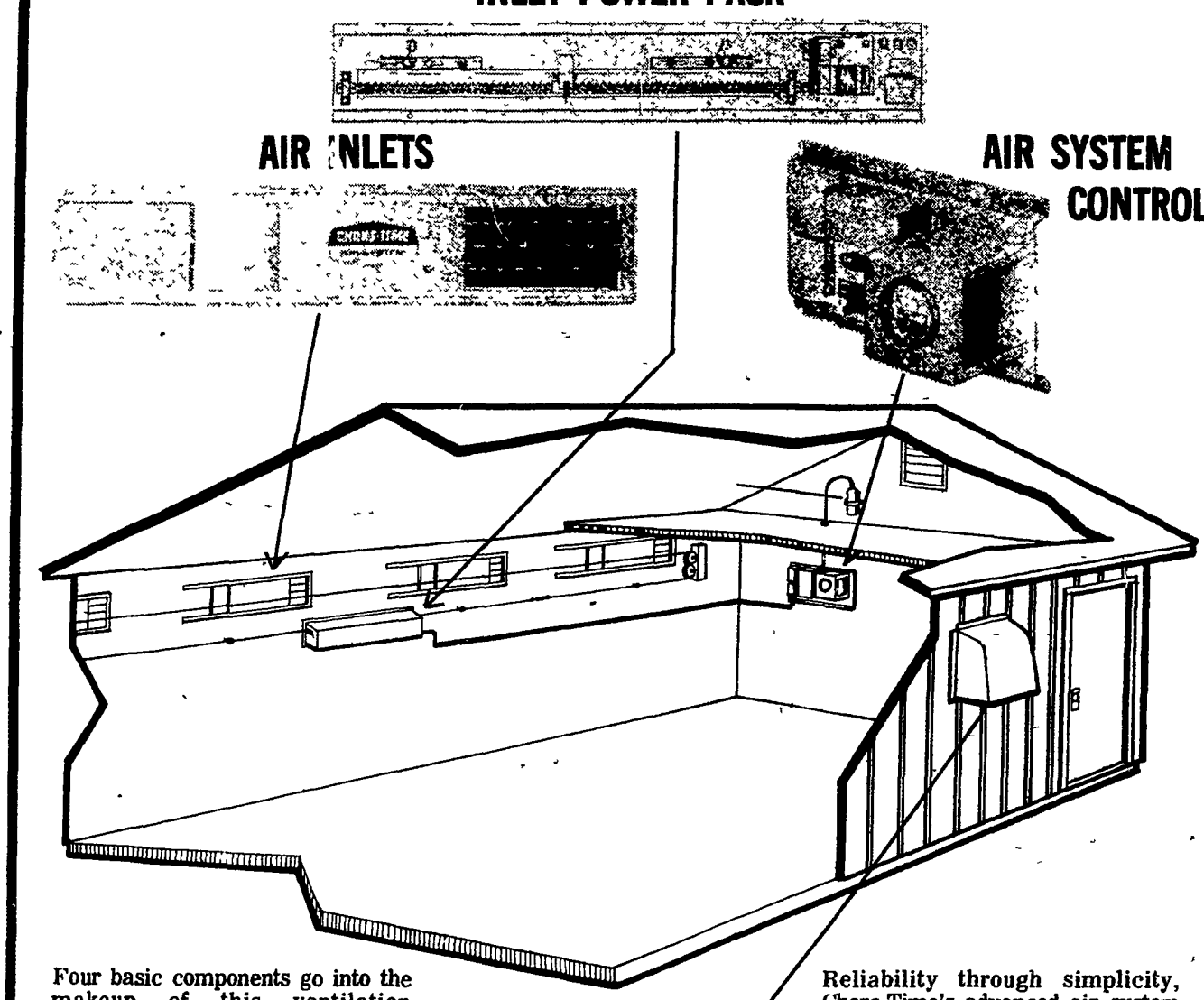

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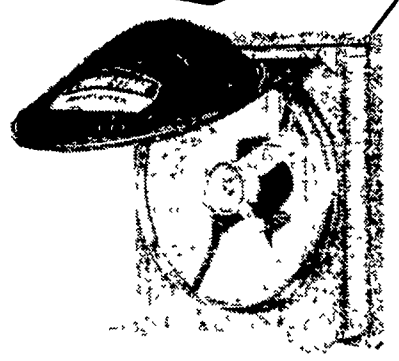

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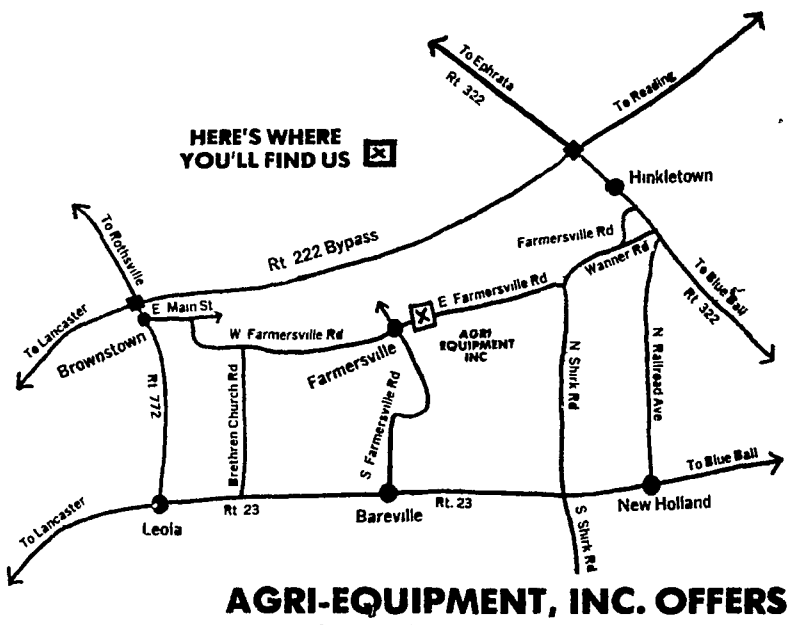

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Lanc. Co. farmers named to Yieldmasters Club

LANCASTER -- Four Lancaster area farmers were recently named members of the DeKalb Yieldmasters Club for producing top corn yields in 1977 from a selected area.

They are: Raymond H. Good, Lancaster, 167.63 bushels per acre with DeKalb XL-72b; Harold Bleacher & Sons, Conestoga, 155.97 bushels per acre with DeKalb XL-72b; Jay E. Wissler, Mt. Joy, 137.28 bushels per acre with DeKalb XL-72b; and Brubaker Brothers, Mt. Joy, 127.73 bushels per acre with DeKalb XL-64a.

All yields were mechanically harvested from a solid block measuring one or more acres, calculated on the basis of 15½ per cent moisture and verified by a reliable third party.

Raymond H. Good planted his crop on May 11 in 30 inch rows and harvested his crop on October 20.

Planting, fertilizer and chemical application rates vary with conditions. However, his fertilizer program included 168.5 lbs. of nitrogen, 126 lbs. of phosphate and 90 bls. of potash. Good controlled weeds with AAtrex at one quart per acre and Lasso was used at 1½ quarts per acre. Furadan was used at 10 lbs. per acre for insect control.

Concerning the hybrid's performance, Good says, "This year had heavy rains forming crust on ground and my DeKalb was my best corn to push through. Moisture content was very impressive. Most under 20 per cent was harvest on October 20 which was planted May 11 and this really cut my drying costs; also makes it a good corn to crib. I thought test weight was exceptional; XL-43a was 61.5. XL-42b was one of my top yielding at 167.6 bushel an acre and test weight was 59. The corn being very dry stood beautifully making corn picking pleasant.

The Bleachers planted their crop on April 22 in 30 inch rows and harvested an estimated stand of 21,500 plants per acre on November 1.

Their fertilizer program included 185 lbs. of nitrogen, 51 lbs. of phosphate and 15 lbs. of potash. Bleacher & Sons controlled weeds with AAtrex at one quart per acre and Lasso was used at 1½ quarts per acre. Furadan was used at 10 lbs. per acre for insect control. An estimated six inches of rain fell on the crop from planting to harvest.

Concerning the hybrid's performance, Bleacher says, "liked the standability, the yield under stress conditions and the ease of combining."

Wissler planted his crop on May 17 in 30 inch rows and harvested an estimated stand of 22,500 plants per acre on October 29.

His fertilizer program included 160 lbs. of nitrogen, 110 lbs. of phosphate and 50 lbs. of potash. Wissler controlled weeds with Sutan at ½ gallon per acre and AAtrex was used at 1.5 lbs. per acre. Dyfonate was used at four lbs. per acre for insect control. An estimated six inches of rain fell on the crop from planting to harvest.

Concerning the hybrid's performance, Wissler says, "The things I want in a hybrid are yield, standability, and dry down. XL-72b is a good yielding corn for me."

The Brubaker Brothers planted their crop on May 11 in 30 inch rows and harvested their crop on November 11.

Their fertilizer program included 169.5 lbs. of nitrogen, 51 lbs. of phosphate and 15 lbs. of potash. The Brubakers controlled weeds with Atrazine at two lbs. per acre and Sutan was used also. Furadan was used at 10 lbs. per acre for insect control. An estimated five inches of rain fell on the crop from planting to harvest.

Concerning the hybrid's performance, Brubaker says, "I appreciated the ability of XL-64a to take the drought stress and still come through with a good yield. The quality of the grain and the test weight is excellent."

The purpose of the DeKalb Yieldmasters Club is to promote an exchange of ideas and information among the nation's leading grain producers and to recognize them for their outstanding accomplishments as well as their important role in helping feed the world. Through the sharing of such information, the program also encourages farmers to adopt management and cultural practices that will aid them in obtaining maximum profit from each acre.

Currently, farmers throughout the country submit more than 1,500 corn, sorghum and silage yields a year to the club, which is sponsored by DeKalb AgResearch, Inc.

Poultry up

HARRISBURG - Poultry production in Pennsylvania edged slightly higher during the week ending November 26, according to the Pennsylvania Crop Reporting Service. Placements of broiler chicks were 1,866,000.

The placements represented a two per cent rise over the previous week and a six per cent boost from the corresponding week a year earlier. Average placements during the past 10 weeks were above the previous year.

In the 21 key poultry producing states, placements of broiler chicks remained about the same. Placements were 64,149,000, five per cent above the same week a year ago.

Average placements in the 21 key poultry states during the past 10 weeks were six per cent more than a year ago.

Broiler-fryers slaughtered in Pennsylvania under Federal Inspection during the week ending November 16 totaled 1,689,000. Average weight was 3.91 pounds.

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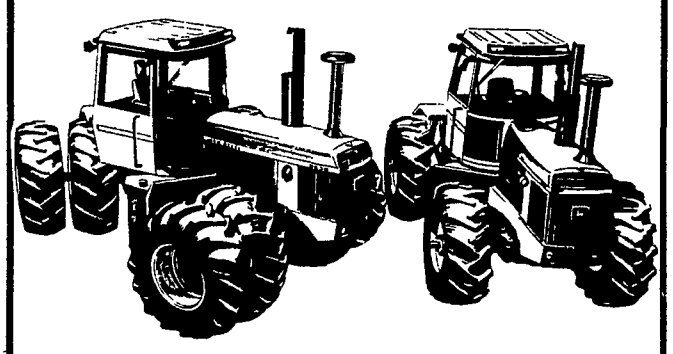

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Four Berks Countians top 700 lbs. butterfat

By LAUREL SCHAEFFER
Staff Correspondent

KUTZTOWN – Members of Berks County Dairy Herd Improvement Association turned out in large numbers to honor four of their number for having herds that averaged over 700 pounds of butterfat.

The 300 or so people who turned out at the Kutztown Grange on December 2 listened to three of these men briefly describe their management practices and show slides of their farms.

The honored were Charles Plushanski, Kutztown R3; Junge Farms, c/o Ray Moyer, New Tripoli R1; Glen Mar Farm, Robesonia R1; and Charles Kissling, Robesonia R1.

Plushanski's herd averaged 19,094 pounds of milk and 728 pounds butterfat with an average number of 92.1 cows on test. His highest producing cow made 32,176 pounds milk and 1,601 pounds butterfat. He feeds free choice hay which is a mixed combination of cuttings, wet brewers grains, haylage and silage. The dry cows are fed more hay and less silage, Plushanski told his audience, and they depend on pasture. Plushanski also treats about half of his dry herd with dry cow treatment, and gives vitamin A, D and E shots.

Ray Moyer's herd produced an average of 19,071 pounds of milk and 711 pounds fat. Moyer told the dairymen he raises his calves in individual pens. He also uses dry cow treatment selectively and lets his cows dry for six weeks and his more fragile heifers for eight weeks. Moyer feeds high moisture shelled corn, haylage, silage, grain and supplement to his herd. The dry cows get no grain and are wormed.

The owner of Glen Mar Farm could not attend the annual banquet but his herd average was 18,101 milk and 709 fat. His cows are housed in a free stall barn and milked in shifts in a 20 stanchion barn.

Charles Kissling's herd averaged 18,169 pounds of milk and 707 pounds butterfat. He raises his calves in individual pens and uses 30 pounds of corn silage as the backbone of his feeding program the year around. The milking string is fed about 15 pounds of hay, a combination of mixed cuttings, rolled shelled corn and a commercial concentrate.

His cows are left dry for approximately 60 days, fed 30 pounds silage and have access to some pasture. Kissling worms his cows while they are dry and gives them a shot of selenium two weeks before freshening as a precaution against retained afterbirth.

Burd Schantz, Berks County DHIA president noted that this year the association has exceeded $100,000 in it's financial statement and remarked that the expenses for this past year had been cut. The president also reminded the members about the surpluses of milk which all dairymen are facing, and warned that they may be getting into the same kind of situation as happened with grain several years ago when the government had too many controls over it.

"Remember," Schantz stated, "the problem is here and we diarymen will have to solve it one of these days."

Although the Berks DHIA was started in 1929 this is the first year they have had a state director – Clyde Plushanski. Plushanski gave a slide presentation featuring the DHIA offices and the Central Milk Testing Laboratory, and discussed some of the new tests which are being conducted.

Plushanski noted that 16 per cent of herds on DHIA are now using the a.m.-p.m. test in Pennsylvania, and that this test can be used for sire proofs soon. The somatic cell test which counts the number of leukocytes present in the milk samples was also explained. Experiments have proven that this is a good indication for infections, Plushanski told the group. DHIA is accepting 20 per cent of the herds in each county for the program at the present time. Berks County can have 36 herds on the test and it will be on a first come-first serve basis, the state director told the members. The cost is 12 cents per sample.

After being on the program for two years herds averaged a 10 per cent increase in milk production, and 85 per cent of the 200 people on the test requested to continue on the program, the director stated.

Also addressing the dairymen was Sandy Miller, state dairy princess. Entertainment was provided by the Lebanon County Young Farmers, and the Berks County Pomona Grange Chorus.

Berks County's 1977 DHIA average, at 14,219 pounds of milk and 541 pounds of butterfat, is just about identical with the state average of 14,142 pounds of milk and 545 pounds of fat. The value of the product over feed cost, however, is $24 above the state average, the latter being $803.

Now in its 50th year, the Berks County Dairy Herd Improvement Association had 149 herds with a total of

(Continued from Page 106)

Burd Schantz, left, president of the Berks County Dairy Herd Improvement Association, congratulates herd owners who had DHIA averages exceeding 700 pounds of butterfat. They were, left to right: Ray Moyer, Clyde Plushanski, and Charles Kissling. The fourth farm to reach the prestigious milestone was Glen Mar Farm of Robesonia.

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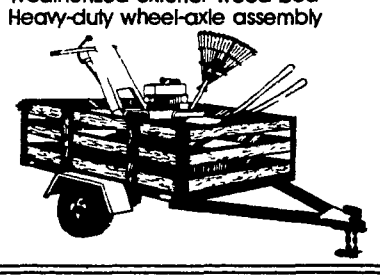

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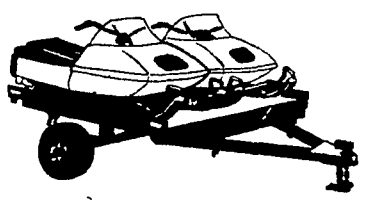

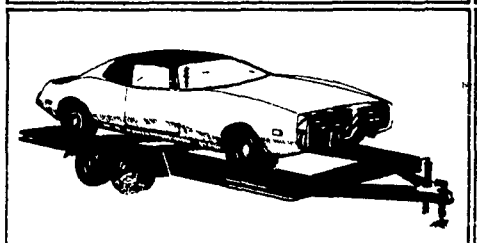

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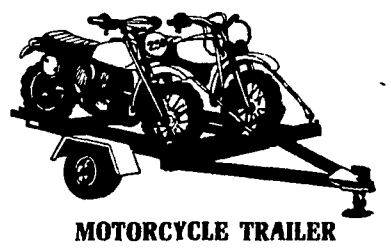

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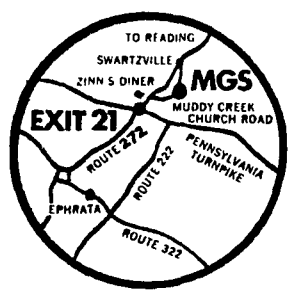

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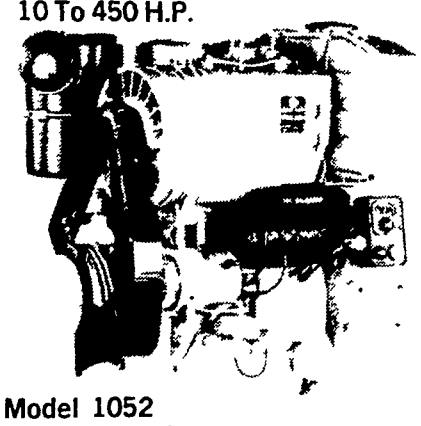

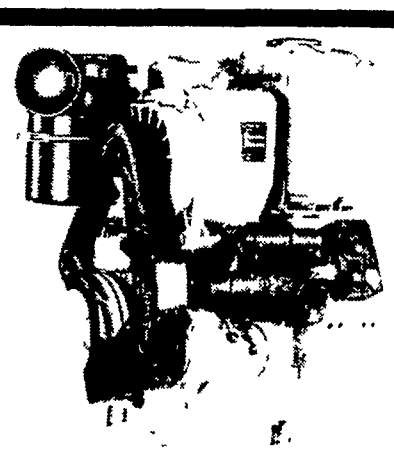

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Delaware girl

(Continued from Page 114)

are affected by inflation just as much as the city people, mainly because they are just as dependent on fuel which is in short supply."

As a final project, Karen compared prices for food, utilities, shelter, hospitalization, insurance and minimum wages from 1969 to 1977. Her research shows that though prices on such items have tripled in the past eight years, salaries have only doubled. She adds that most of the increase in costs had been only in the past year or two.

But her work in consumerism was not the only reason Karen was awarded the national prize. She also has been active in county and state judging, the county and state Reddy's Food contest, county and state visual presentation contest, county dress revue and public speaking. In addition to her consumer, food preservation and clothing projects, she has completed projects in both bicycle and food and nutrition.

Karen plans to use her scholarship money to go to art school. Having worked with crafts and posters in 4-H and taken many art classes in school, she says that her consumer knowledge has come in handy while shopping for art supplies.

And even if she doesn't pursue a career in the field of consumer education, Karen feels that she will always be a smart shopper. "If there's one thing I've learned," she adds, "it's that how much you make doesn't matter, it's what you do with it."

Microwaves used to dry corn

COLLEGE PARK, Md. – Because of the continuing climb in the price of energy sources used on the farm, agriculture research workers are testing the merits of non-conventional sources.

At the Maryland Agricultural Experiment Station, scientists have been looking into the effects which microwave drying of corn may have on its nutritional quality as a feed ingredient. In charge of the experiments is Dr. Owen P. Thomas, professor and chairman of the poultry science department at the University of Maryland in College Park.

Dr. Thomas utilized an industrial microwave oven at the university's Marine Products Laboratory in Chrisfield, on Maryland's lower Eastern Shore, to dry the corn at five temperature settings, ranging from 150 to 250 degrees F. (66 to 121 degrees C.).

The only variability which he detected in the final product was a slightly roasted appearance of the corn dried at the upper end of the temperature scale. Microwave drying appeared to have no detrimental effect on the nutritional quality of the corn or its acceptability when fed to broilers.

During feeding trials at the College Park campus, broilers fed corn from the microwave drying process showed no significant difference in growth rate from broilers fed rations containing conventionally dried corn.

Although microwave drying is not a practice that is now economically competitive with conventional practices, Thomas did note some advantages for this spin-off from radar technology.

First, microwave can speed up the drying process by nearly four times the normal rate. Secondly, corn exposed to microwave is dried from the inside out. This does not harden the seed coat, allowing the diffusion rate of moisture to remain high.

Since the microwave process drives moisture from the inside to the outside regions of a corn kernel, it would be logical to finish a batch-drying job with conventional drying equipment, Thomas explained.

He commented that there is currently no commercial source for microwave grain drying equipment. And the feasibility of its combination with conventional drying equipment needs further study.

The Maryland researcher offers one point for the benefit of others who may try microwave grain-drying on an experimental basis. That is to watch out for "hot spots." He cautioned that the "horns" comprising the energy source in an industrial microwave oven must be positioned so that all of the corn being dried is properly exposed.

Herbicide applications broadened

PRINCETON, N.J. - Prowl herbicide and prowl tank mix combination with Bladex and atrazine have been registered by the Environmental Protection Agency for use in field corn on soils with less than 1.5 per cent organic matter and on sands or loamy sands in states east of and including Minnesota, Iowa, Missouri, Arkansas and Louisiana, announced the Agricultural Division of American Cyanamid Company.

Preemergence applications of Prowl alone when applied at the recommended rate on soils with less than 1.5 per cent organic matter, will control the following 14 grasses and broadleaf weeds in field corn: green foxtail, yellow foxtail, giant foxtail, bardyardgrass, panicums, crabgrass, goosegrass, signalgrass, seedling Johnsongrass, carpetweed, lambsquarters, Florida pusley, pigweed, and purslane.

According to Dennis McCormick, product manager, "This new registration will allow more corn acres, particularly in the southeastern states, to be treated with Prowl." Preemergence applications of Prowl plus Bladex or Prowl plus atrazine controls common ragweed in addition to the many grasses and broadleaf weeds controlled with prowl alone. The recommended mixtures will also reduce competition from hard-to-control cocklebur and annual morningglory.

Remember to read and follow label directions carefully.

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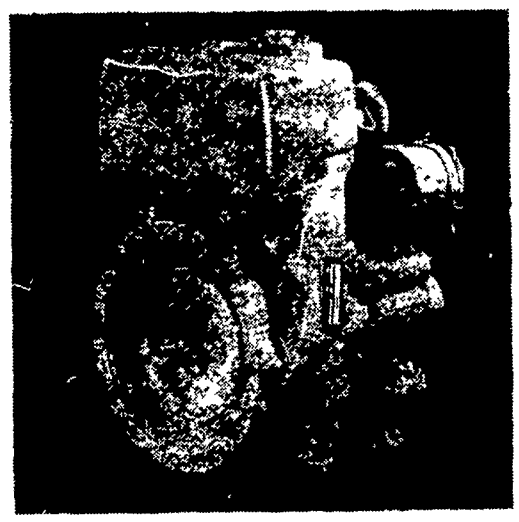

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TECHNICAL DATA

	MODEL FIL-208D	MODEL FIL-210D
• Power Range (HP)	4.6-8	8-14
• Speed Range (RPM)	1500-3600	1500-3000
• Displacement, cu. in.	25	41
• Average fuel consumption per hr.	2-3 pts.	3-5 pts.
• Heighth Approx.	23 in.	25 3/8 in.
• Width Approx.*	17 5/8 in.	19¾ in.
• Length Approx.*	16 3/8 in.	17½ in.
• Weight: electric start	158 lbs.	209 lbs.
hand start	132 lbs.	176 lbs.

*Includes fuel tank

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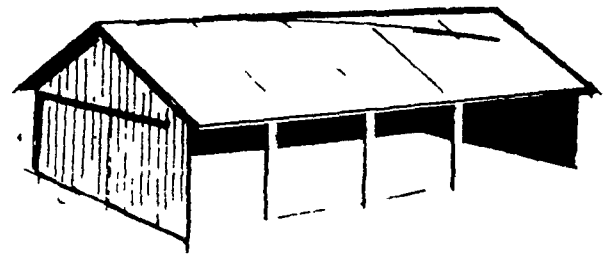

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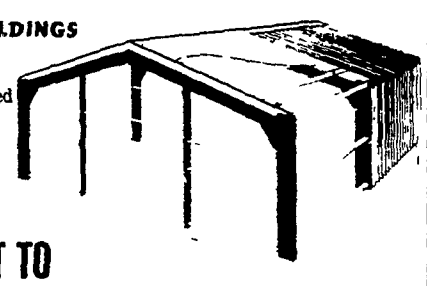

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Pavlic wins national 4-H electric energy award

DOVER Del. — When it comes to electrifying experiences, Mike Pavlik's record is hard to beat. A 16-year-old member of the Hollymount club near Rehoboth, Mike has been in 4-H for seven years and has been doing electrical things for six of those years. He's just received the ultimate 4-H project award by being named one of six national winners in the 4-H electric energy award program. Mike received the honor during National 4-H Club Congress in Chicago November 27 through December 1. The award, a $1000 college scholarship, was presented by the Westinghouse Electric Corporation, sponsor of the electric energy program.

Mike's electrical experiences range from very simple home repair jobs, such as replacing fuses and household switches, to more complicated tasks, including the installation of rough wiring in a residence and helping with industrial electrical jobs.

Mike gives credit to his father, Emil, an electrical contractor, for his success with the 4-H electric program. With his Dad's support and training, Mike started out as a 10-year-old club member developing the basic electric skills. He then developed into an electrician's helper and has spent the last three summers working on electrical construction jobs in the family business.

As a state and national winner, the Sussex county 4-H'er received an all-expense-paid trip to the Club Congress in Chicago. There he joined some 1600 other 4-H'ers from all over the United States at this annual event which was held at the Conrad Hilton Hotel. During the Congress he attended educational meetings, met with other electricity project winners and had an opportunity to find out about career opportunities in this field from representatives of the sponsoring company.

Sixteen-year-old Mike Pavlik was one of three Delaware youth to be honored at recent National 4-H Club Congress in Chicago.

Although only a junior in high school, Mike's electrical experience goes far beyond that of most 4-H electricity project members. The youthful electrician has shared his experiences with 4-H members throughout Sussex county by giving electrical wiring demonstrations and working with electricity project members in step-by-step electrical construction projects. He estimates that as a junior leader he's been involved in teaching lamp building to as many as 60 or 70 4-H club members.

One of his favorite projects and one that he's shared with them has been converting all kinds of objects into household lamps. Such things as fire extinguishers, blow torches, old carriage lights and soft drink cans have all been fair game for his electrical craftsmanship. He even converted a football helmet into an attractive household lamp. Mike says it's as simple as finding an appropriate base—usually some interesting art object, antique or other memorabilia—and then skillfully and artfully attaching the necessary wiring, electrical sockets and other lamp parts.

As strong as Mike's interest in electricity is, he isn't sure he wants to follow this interest as a career. You see, he's also developed a keen interest in agriculture through his other 4-H project work and on-farm experiences and would like to at least try his hand at farming. Mike plans to continue his interest in electricity, combining it with farm projects. Then if things don't work out in agriculture, he can always go back to being an electrician.

Mike is keenly aware of the problems of farming, especially starting out. He figures he will probably begin by working with an established farmer somewhere and then perhaps move farther west where farmland is more readily available and where the price is not quite as prohibitive as it is near the resort area where he is growing up.

The scholarship winner's interest in agriculture started when he was a small boy working around his grandfather's farm and later developed as a 4-H beef project member. In fact, his first 4-H project was a steer which he raised and exhibited at the Delaware State Fair. Each year since then he's had a least one steer and has done fairly well in the show ring, finishing grand champion in the Angus steer competition at the Delaware State Fair in 1976. He plans to expand his beef cattle interests into a cow-calf operation that could become the nucleus of a beef herd when he enters farming.

A junior at Worster County Country School in Berlin, Md., Mike isn't sure about his plans. He does plan to attend college somewhere and use his Westinghouse scholarship, but right now he's concentrating on his studies and looking forward to his college entrance exam.

The entire Pavlik family is involved in 4-H, with both parents serving as leaders. Two older brothers were 4-H club members, and two younger sisters and a younger brother are also 4-H club members.

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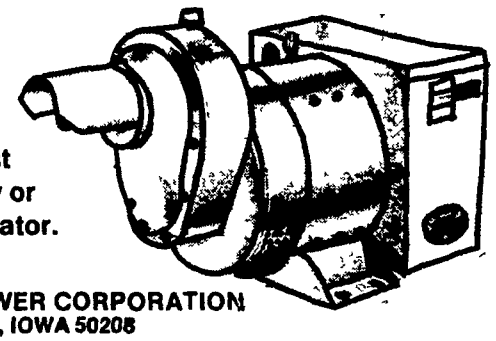

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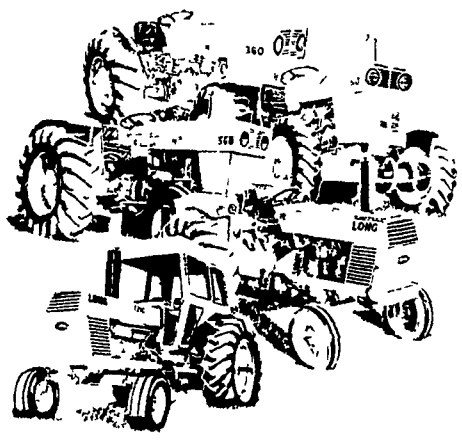

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New cage layer system announced by Chore-Time

MILFORD, Ind. – A totally new cage layer system for commercial egg producing operations was recently announced by Chore-Time Equipment, Inc., Milford, Ind.

"The Pyramid" as it is called, is the first "reverse" cage marketed commercially by any manufacturer.

A "reverse" or "shallow" cage is designed so that the longer dimension lies along the feed trough and the shorter dimension (usually 12 to 14 inches) represents the depth of the cage. Such cages allow each bird half again as much feeder space as a more conventional 18-inch deep cage.

Chore-Time's shallow cage is 12 inches deep by 16 inches long, stacked so that boards and shields are unnecessary. The system is available in three or four tier models.

The feeder runs the length of the cage, giving each bird space at the trough rather than forcing them to take turns eating.

The Chore-Time cages retain their rectangular shape, 16 inches by 12 inches by 15 inches, but are tipped slightly forward (about six degrees) to allow eggs to roll on to a collection belt. The total height of the system is only two inches higher than the firm's conventional three-deck system.

Eggs roll from the cage to a narrow belt collection system wide enough for only one row of eggs. The belt takes the eggs to the end of the cage row where they are de-escalated by a short belt with plastic fingers to the cross belt for transfer to the egg processing room.

According to research supplied by University of California Extension farm advisor Donald Bell, there are several advantages to the reverse cage, although experiments have not be consistent.

A common observation in layer cage shape studies is a reduction in egg breakage. The apparent reason for that trend, said Bell, is the shorter distance for roll-out and increased egg space per egg.

Egg per hen housed results appear to favor the reverse cage because of a general trend toward reduced mortality and similar or higher hen-day production. Feed conversion is generally better in the reversed cages, he said, because of slightly higher hen-day production and equal or less daily feed consumption.

Studies also show that shallow cages have higher earning potential compared to conventional cages.

Another advantage he noted is that birds in shallow cages are much more accessible for handling when stacked three or four decks higher than similar arrangements of conventional cages.

The Pyramid's design also provides the same bird density per square foot of building space as do conventional systems, without increasing building costs.

Chore-Time Equipment, Inc., recently announced its newest innovation in layer cages, "The Pyramid," shown here. Its basic advantages are fewer broken eggs, trend toward reduced mortality, and generally better feed conversion than conventional cages.

Lamb club honors own

YORK - The York County Lamb Club recently held their achievement night at the 4-H Center near Bair. Roast Lamb was the featured meat at the covered dish supper.

Recognition was given to the leaders of the club. As part of the evening, a token of appreciation was presented to Mr. and Mrs. Donald Flory, Mr. and Mrs. Anthony Dobrosky, Mrs. Richard Coons, and Steve Ebersole.

Laurie Dobrosky was also recognized as a member of York County's meat team which placed first in national competition.

For entertainment Robert Waltersdorff showed movies of the members exhibiting their sheep at the York and Dallastown Fairs.

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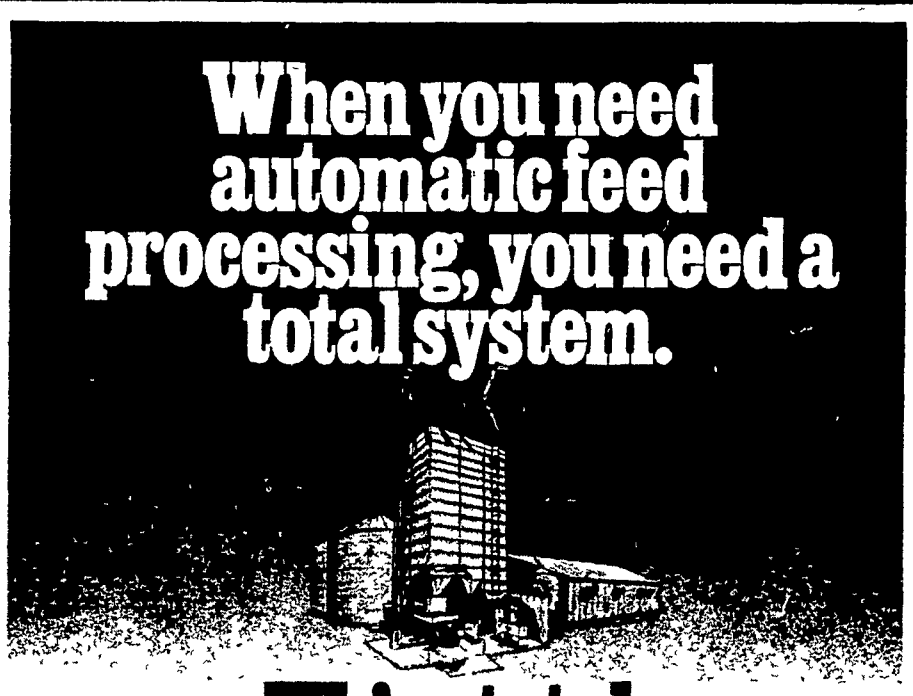

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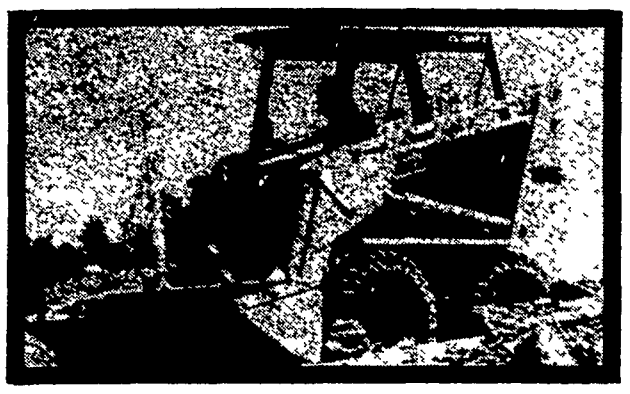

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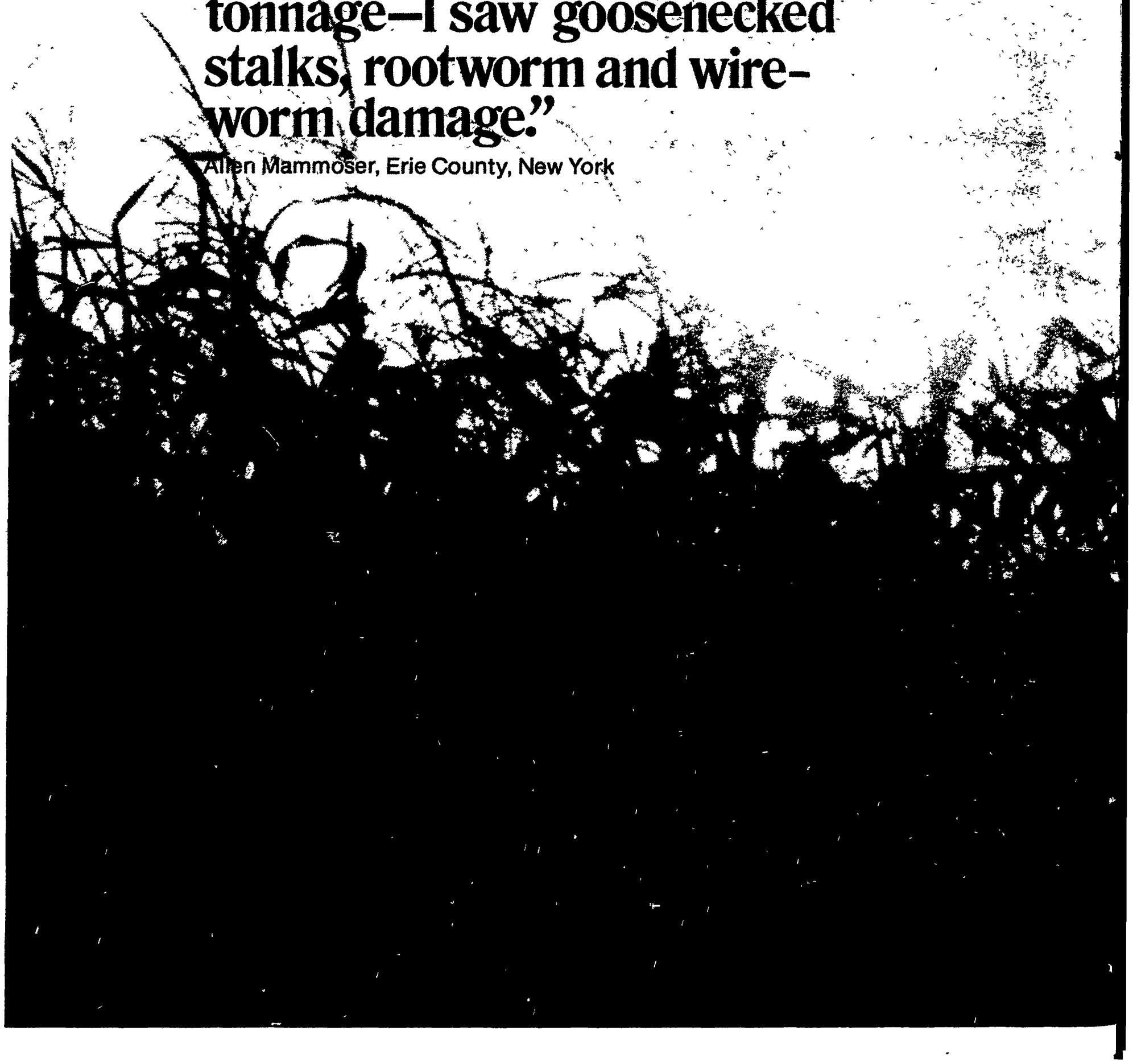
Donald Zittel, Erie County, New York

"I figure that where I didn't use Furadan, I lost 10 to 20% of my tonnage—I saw goosenecked stalks, rootworm and wire-worm damage."

Allen Mammoser, Erie County, New York



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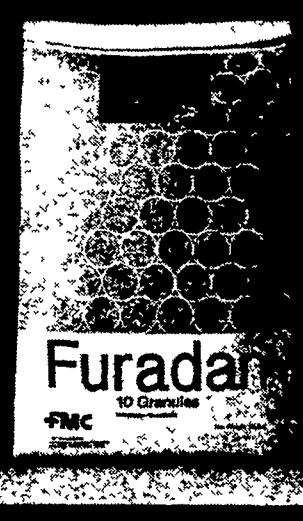

FMC

Stops more pests ... saves more corn

Farmer of tomorrow may raise crops for fuel

By JERRY WEBB
University of Delaware

A new term is being introduced into the agricultural vocabularly that may become quite important in the years ahead. The term is "biomass agriculture." In simple terms, it's the growing of certain plants that can be converted directly into fuel. The Department of Agriculture says, "This process of converting plant matter directly into a commercial fuel source could circumvent the millions of years required for plant energy to become fossil fuel." It's anticipated that biomass production in time could account for one-tenth of U.S. energy needs.

Biomass production could arrive on the farm scene very quickly and could literally overwhelm production of many food and feed crops. Although research is going on in this new area of agriculture, a lot is already known. The basic production technology already exists, the major problem is converting biomass into useful energy at a price competitive with fossil fuels. But once that's solved, the implications for agriculture are tremendous.

For instance, the Agriculture Department says with present technology, an estimated 100 million acres of biomass feedstock would need to be cultivated to yield fuel for one-tenth of current U.S. energy requirements. The experts think there are about 110 million acres of additional land that could be converted to crop use by 1985. But obviously, the energy crops would be competing with more conventional crops for those additional acres. Crop prices would become an important determinant in the mix. If the price is right and fuel shortage critical enough, you can bet a lot of today's food and feed crop acres will be channeled into biomass production.

Several crops are bing considered as biomass feedstock including corn, sugar cane and sycamore. Other crops are being tested in this relatively new field of endeavor.

Already some of the thinkers are wondering why we don't start converting excess wheat and corn into alcohol for use as fuel. It could be mixed with gasoline in a 10-to-1 ratio and burned in today's automobiles. These guys think the cost of converting crops into alcohol—even though more expensive than buying foreign oil—would be worth it.

The Department of Agriculture figures many obstacles will have to be overcome before biomass agriculture becomes practical. Not the least of these problems will be converting farmers themselves to this new line of endeavor. And that may hinge in large part on government action. Uncle Sam might just subsidize production of certain energy crops just to get the concept going or he might be required to as our fossil fuel supply dwindles.

Although biomass agriculture is a new phrase, it's an old concept. While scientists are now developing sophisticated methods of capturing and converting biomass energy, cavemen practiced the concept. For in its simplest form the burning of wood to release solar energy for warmth, light and protection from hungry tigers was probably the first man-made use of biomass energy. This energy originates with the sun. The complicated chemical process involved in plant production is all a part of biomass energy production. Man first converted it to his own use by eating the plants. Then he burned them for heat, light and protection. He then burned plant materials to kill insects, improve grasslands, clear fields and shape weapons. Finally, somebody struck oil and we entered the age of fossil fuel--a source that took millions of years to form and that will someday run out.

So now we go back to our earliest form of energy and start trying to answer a lot of questions that have been shelved for many years. No doubt some of these answers will put farmers in the forefront in the energy production race that is bound to occur during the next few decades.

McGovern fears wheat fiasco

WASHINGTON, D.C. - In a letter to Senate Agriculture Committee Chairman, Herman Talmadge, (D-Ga.), Senator George McGovern (D-S.D.) has called for an investigation of the impact and effects of unanticipated foreign grain purchases.

In the letter, McGovern noted that the current situation of low domestic market prices and Soviet grain harvest shortfalls has led many to fear a repeat of what he called, "the 1972-1973 wheat deal fiasco".

McGovern, also a member of the Senate Agriculture panel, said that U.S. government estimates of the Soviet grain crop continued at the 215 metric ton level up until the Brezhnev announcement of a 19 million ton shortfall.

The Senator said that as a result of a similar situation in 1972 both U.S. producers and consumers found themselves at a severe price disadvantage. He said that he had, "presumed this matter to be settled in subsequent Soviet-American agreements providing for forward estimates on production, consumption, demand, and trade of major agricultural commodities, but the Soviets largely ignore their obligations under the agreement. That situation coupled with secret agreements between the Soviet Union and U.S. private grain traders, spells bad news for U.S. wheatgrowers."

McGovern asked Talmadge to schedule hearings on the matter immediately after the first of the year.

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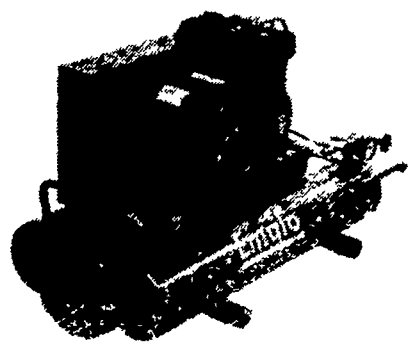

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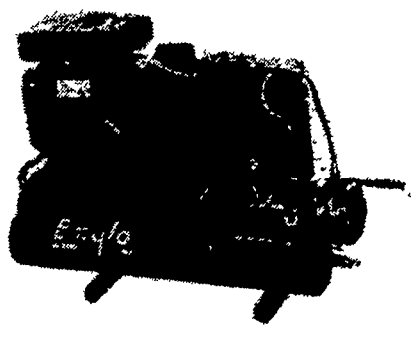

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Tips given on buying animal health products

By Robert J. Frattaroli
Editor's Note – The following article is written by the director of marketing at the Animal Health Operations, Pfizer, Inc.

NEW YORK, N.Y. – Buying animal health products doesn't have to be a hit or miss proposition. The following checklist will help one to become an informed consumer, define what a person can rightfully expect from his dealer, and save valuable time when one doesn't have much of it to spare.

On walking into a farm supply store, one should look to see if the dealer has set up a special animal health department. This step may seem elementary, but there are good reasons for it.

A special animal health department, if well organized, is the best guarantee of doing satisfactory business. Orderly displays eliminate buyer confusion. Moreover, neat and attractive displays usually go hand-in-hand with shelf products that are fresh and accurately priced.

Conversely, one could be taking a chance and gambling with the well being of his animals if he buys health products from a jumble of assorted farm merchandise.

Farm store dealers, who are serious about their business, have a large inventory of animal health products a person might need. One can check this quickly if the dealer has taken the time to display his stock in a well-organized manner.

A knowledgeable dealer knows he will keep his customers satisfied only when he is a full-service operation, and a large inventory is an integral part of full service.

There are times when animals will need immediate help from animal health products. A dealer should be prepared for the crisis. He also should be farsighted enough to meet seasonal demands.

A reliable dealer should know the products he sells. He should be able to elaborate on the basic information given in product literature. Farmers can make use of this knowledge and not be afraid to ask questions. A good dealer can help make buying decisions based not only on product performance, but on hard economics such as cost/benefit ratios so one can be sure his investment is a sound one.

To augment his product knowledge, a dealer should have on hand reference material, including necessary textbooks, extension information and recommendations for the area.

A conscientious dealer has a channel of communication open between himself and university specialists. This hotline can prove a valuable information source.

A specialist in parasitology, for example, likely will have at his fingertips such information as how continuous swine worming with an anthelmintic pays dollars-and-cents dividends to hog producers.

A dealer should also be able to inform a person on how the products he sells are working for other customers, and his research should be thorough enough to provide one with facts and figures to document customer experiences.

A reputable dealer will have trained personnel who can provide service when needed, not from behind the counter, but out in the heat or cold of day where the problems are. A farmer's day is not confined to a 40-hour week or an eight-hour day so one should only do business with a supplier who has a schedule similar to his own – one that can always take care of his requirements. A wise producer will, of course, continually review his herd health program with a veterinarian.

A dealer should know and understand the farm operations and should be up-to-date on the details of specific nutrition and disease control programs that are adopted on the advice of veterinarians. Remember that the dealer's advice is no substitute for that of the professional although he is well trained in certain areas.

One should expect his dealer to attend meetings, seminars, and training schools to keep abreast of new practices or changes in old ones. He must, in turn, hold his own meetings, tours and demonstrations not only to demonstrate new techniques, but to prove that established products work as claimed.

A full-service supplier must understand the farm operation and objectives to extend the credit and terms that maximize profit. One should not depend on his animal health products dealer to be his sole financier; this is not in the best interest. But, he can assist or direct a person to the best money source.

In selecting a dealer, one should place a high premium on attitude, looking for dealers who are willing to take pains to set up an attractive, well-organized animal health department, who are dedicated to customer service, and who are serious about upgrading their business and, moving the products.

One, too, should choose a dealer who is genuinely interested in a person's operation – who sells and services to accommodate a farmer's needs, not his.

A person should always read the label on any product he buys, looking for use instructions, guarantees, and a manufacturer whose name he recognizes. One shouldn't order new or unfamiliar products over the phone unless he has confidence in the dealer, or is sure of what he is buying and when to expect delivery. A farmer should beware of "good deals" on unknown products. Established products earn their reputations the hard way, in the marketplace, by proving over and over again their effectiveness.

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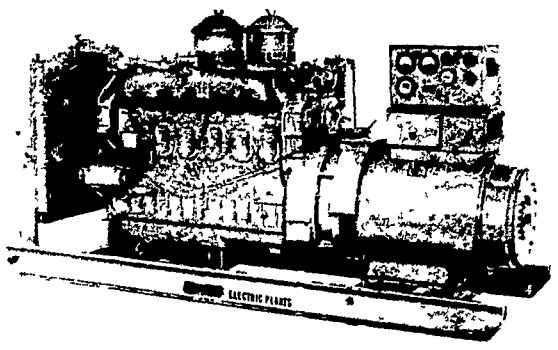

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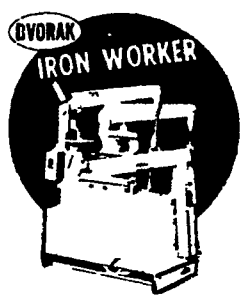

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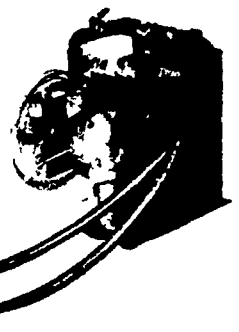

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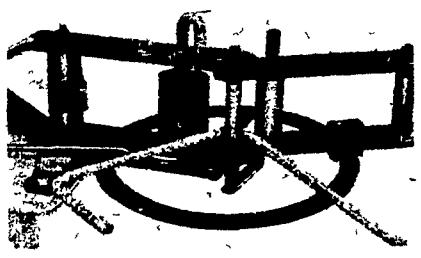

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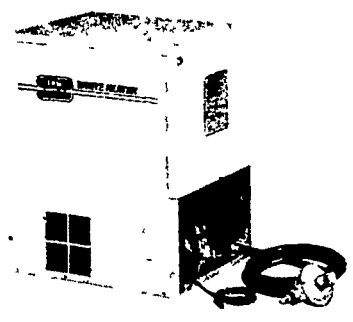

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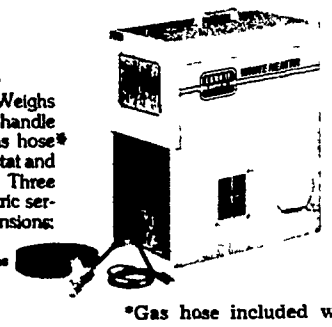

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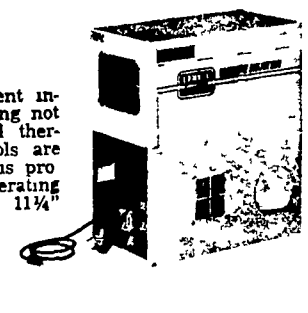
Model 350—LP Gas Model 352—Natural Gas.



*Gas hose included with LP-Gas models only

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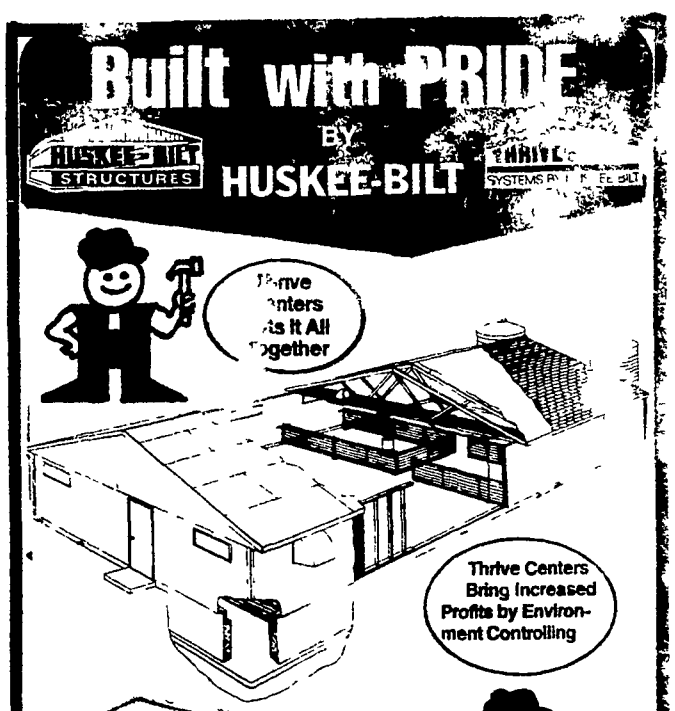

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In consumer education

Delaware girl wins national 4-H scholarship

DOVER, Del. – She's not what you'd call an average consumer, being only 15 years old and a high school sophomore, and living in Seaford with her parents and sisters, Karen Taylor is not responsible for any major family purchasing decisions.

But ask her anything about making major, or, for that matter, minor, purchases and she'll tell more than most adult consumers will ever know about getting the most for their money.

This underage, above-average consumer has been busy comparing prices on groceries, fabrics, canning supplies and crafts, to name a few items, for the past two years in the interest of her Seaford Blue Jays 4-H Club. Her diligence won her the State 4-H award in consumer education this year.

A 4-H member for more than six years, Karen recently was further recognized for her project work in the area of consumer education at the 56th National 4-H Congress held the week of November 28 in Chicago. She was named one of the six national winners in the 4-H Consumer Education Program and awarded a $1000 college scholarship from the program sponsor Montgomery Ward & Co.

"I started out last year by comparing prices on the same items in different grocery stores in town once a month," says Karen. "Then the next year, I compared national brands with store brands on common food items such as coffee, sugar, flour and meat. I found that a family of five can save up to $30 a month by buying store brands."

By combining several of her 4-H projects with consumerism, Karen was able to compile quite an impressive list of consumer-related information.

Last year, she conducted a food preservation project by canning her own vegetables. While she was at it, however, she comparison shopped for the items necessary for her project–jars, lids, vinegar, spices and fresh vegetables (which she didn't buy because she used her family's garden produce). As a further price comparison, Karen determined the amount of money she saved by preserving her own produce instead of buying canned vegetables.

This year Karen made a four-piece suit as a 4-H clothing project. But rather than turning in just the one project, she itemized the fabrics and sewing notions–such as zippers, thread and buttons–comparison shopped for them and recorded her findings. When she was finished she located a similarly made outfit in a local clothing store and determined that she had saved at least $25 by making it herself.

"My mother is really the one who got me interested in saving money," says Karen. "A few years ago, my father was sick and couldn't work for a whole year. My mother taught me how to stretch our money then."

In addition to learning how to "shop the sales," for groceries and clothing, Karen learned from her mother that prices on baking items such as sugar go up during the holiday season and that it's best to buy them ahead of time. Her mother also showed her how to alter sewing patterns, so that the same one could be used for several different styles, and that even the smallest bit of leftover material could serve a useful purpose.

For another of her combination projects, Karen made soft pretzels at a state food demonstration and compared costs between making and buying this popular snack. She showed consumers that they could make 18 pretzels for 73 cents. a savings of $4.67 compared to prices at a food booth.

Karen had heard so much about the Great Depression that she decided it would make a good consumer project to compare the 1930's with the 1970's. The Sussex county 4-H'er interviewed two persons who were young married women then–one from an urban and one from a rural area–and two women in the same living situations today. She wrote a speech about her findings and gave it to several county and community organizations.

"I found that in the 1930's, the country people had most of their own resources and were not hit as hard by the Depression as the city people," she says. "But in the 1970's, the country people

(Continued on Page 107)

As part of her 4-H consumer education project, Karen Taylor checked quality as well as prices on grocery items from different stores in her town.

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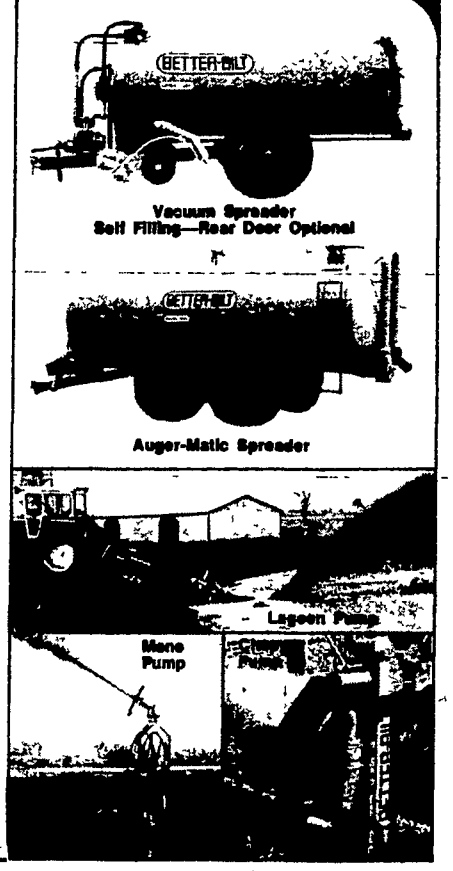

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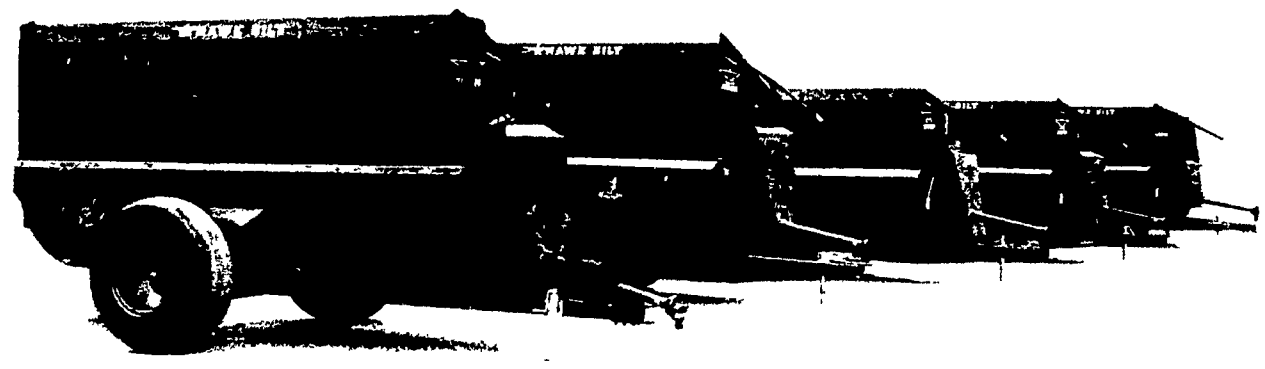

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Grange farm city dinner held

TRAPPE—The 11th annual Farm City Dinner Program was held at the Grange Hall in Trappe, Pa. with 170 patrons attending the event.

Dinner was planned by the Grange Ways and Means Committee and served by ladies of the Grange.

Several people were featured for the program of the evening. Miss Rosemary Campanova, soprano soloist sang three selections for the group. Senator John Stauffer was the featured speaker of the evening.

Neil Detweiler, Lansdale, gave a testimony of what the grange has meant to him. Charles Jensen, also of Lansdale, entertained the group with a demonstration of his cornets and trumpets.

Matthew Miser, master of Keystone Grange, was in charge of the business meeting.

Featured at the Keystone Grange Trappe Farm City programs were: (left to right) Matthew Wismer, Master Keystone Grange; State Senator John Stauffer; Rosemary Camponova, vocalist; and Charles Jensen, musician.

Single parents meet

LANCASTER - Parents Without Partners will meet at 7:45 p.m. Friday Dec. 16, at the social hall of the St. Matthew Lutheran Church, 700 Pleasure Road.

All single parents, because of death, divorce, separation or unmarried status who have at least one living unmarried child under 21 years of age are invited to attend. Custody of your children is not a factor. More information on the purposes and activities of the organization may be obtained by calling Elsie E. Schroeder, 741 Emerald Drive or Frank Dettinger, 1507 Queen Lane.

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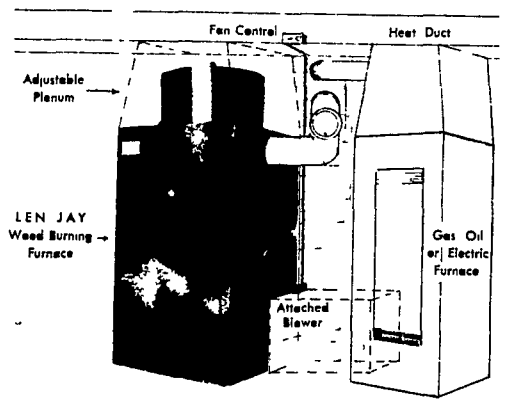

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Apple holdings up from '76

HARRISBURG - Apple holdings in Pennsylvania cold storage facilities on October 31 totaled 270,231,000 pounds, up 79,820,000 pounds or 42 per cent from a year ago, according to the Pennsylvania Crop Reporting Service. This is the highest quantity of apples in cold storage since the record 1974 crop, when 270,494,000 pounds were in storage on this date.

The 270,231,000 pounds converts to 6,434,000 boxes of 42 pounds each.

Four Berks

(Continued on Page 115)

9361 cows on test. This year's average compares to 9361 cows a year ago producing 13,568 pounds of milk and 519 pounds of butterfat.

In addition to the top four herds mentioned earlier, the following dairymen had herd averages exceeding 600 pounds of butterfat:

Andrew D. Stoltzfus, Morgantown, 83.6 Holsteins, 18096 M, 693 F; Ray E. Bicksler, Richland, 44.7 Holsteins, 18756 M, 684F; Mark A. Wolfskill, Robesonia, 61.8 Holsteins, 17396 M, 684 F; Wernersville St. Hospital c/o Dallas Wagner, Wernersville, 55.5 Holsteins, 17671 M, 672F.

George S. Troutman, Jr., Myerstown, 65.2 Holsteins, 17987M, 664F; Stephen J. Janos, Mohrsville, 31.5 Holsteins, 18092M, 663F; John H. Stump, Bernville, 48.2 Holsteins, 16585M, 658F; Yost Brothers, Bernville, 119.8 Holsteins, 17310M, 656F; J. Hershey Myer, Womelsdorf, 43.0 Holsteins, 16337M, 655F.

Richard R. Troutman, Richland, 72.8 Holsteins, 17478M, 650F; Kenneth L. Stutzman, Kutztown, 39.0 Holsteins, 16297M, 648F; Mervin Brubaker, Womelsdorf, 68.3 Holsteins, 17154M, 646F; Robert C. Dreisbach, Hamburg, 54.1 Jerseys, 12673M, 634F; F.M. Browns Sons, Inc., Douglassville, 90.5 Holsteins, 18610M, 633F.

Harold & George Schuler, Fleetwood, 42.3 Holsteins, 15806M, 628F; Ralph G. Sanner, Kutztown, 57.1 Holsteins, 16374M, 624F; Herb Top Farms, Topton, 29.0 Cows, 15774M, 620F; James G. Stutzman, Kutztown, 51.5 Holsteins 15916M, 618F; George F. Seidel, Womelsdorf, 48.6 Cows, 14655M, 616F; Retland Farm, Womelsdorf, 48.5 Holsteins, 16118M, 613F.

Ralph C. Richard, Oley, 76.8 Holsteins, 15562M, 610F; Mertz Brothers, Kutztown, 51.2 Holsteins 16503M, 610F; Donald B. Duncan, Robesonia, 78.5 Holsteins 14830M, 609F; Show Top Farms, Alburtis, 124.6 Holsteins, 15294M, 605F.

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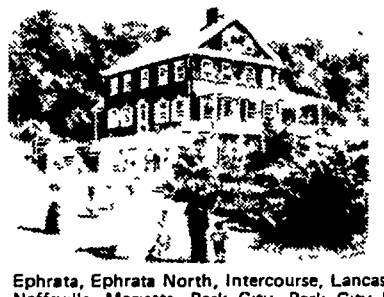

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Hernias problem for foal owners

DOVER, Del. – Horse owners and breeders may be concerned about their foals with hernias, but, according to University of Delaware Extension equine specialist Mel Reitnour, this is not always a serious problem.

"Umbilical and scrotal hernias in foals are fairly common," says Reitnour. "But they usually get smaller as the foal matures and sometimes completely disappear by the time the foal is a yearling."

An umbilical hernia is caused by a loop in the intestine passing through an opening in the navel area of the belly wall. A scrotal hernia is a loop of intestine passing through the inguinal rings–in the groin area where the testicles descend–and down into the scrotum with the testicles.

A foal's tendency to develop hernias can be hereditary. The sire is most likely to produce the condition as stallions can inherit the genetic weakness from their dams and pass it along to their offspring.

But severe straining, chronic coughing or excessive physical restraint can also cause hernias. This condition may also be due to a foal being kicked or a strain as the result of slipping or falling. However, umbilical hernias are not generally dangerous unless they become strangulated and require surgery.

Reitnour suggests that foals be examined by a veterinarian as soon as the hernia is noticed. Several methods may be used to correct hernias, but only a veterinarian should treat the animal.

To treat umbilical hernias with wooden or metal clamps, the foal is placed under short term general anesthetic or given a tranquilizer and a local anesthesia. The clamp is placed around the sac of skin, which eventually falls off from the lack of circulation to the area, leaving the skin to heal.

Occasionally surgery is required–especially when large umbilical hernias exist. In this case, screening or some other material is placed in the muscle opening to lend support.

"Nearly all scrotal hernias require surgery," says Reitnour. "And the animal is usually castrated at the same time." It is recommended that all colts with hernias be castrated. Futhermore, fillies should only be bred after closely checking the selected stallion's background for hernia incidence. It's probably best to avoid breeding animals with a history of hernias.

Most importantly, says Reitnour, ask the veterinarian what to do if your foal has a hernia. He or she will suggest when and how to correct the condition.

Order 4 class I milk $11.57 for Jan. '78

ALEXANDRIA, Va. - Middle Atlantic Order Market Administrator Joseph D. Shine this week announced a Class I milk price of $11.57 per hundredweight for January 1978. Shine said that the price is up five cents from December and is 53 cents higher than the January 1977 price. Order No. 4 prices are announced for milk testing 3.5 per cent butterfat, f.o.b. plants located within 55 miles of Philadelphia, and also within 75 miles from the nearer of Washington, DC or Baltimore, Md. There is also a six-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Shine announced a Class II milk price of $8.87 per hundredweight for November 1977 and a butterfat differential of 11.6 cents. The Class II price is also up five cents from the previous month.

These class prices are based on the November 1977 Minnesota-Wisconsin manufacturing milk price of $8.79 per hundredweight adjusted to a 3.5 per cent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for November was $1.0089 per pound and the nonfat dry milk price was $.6796 per pound f.o.b. plants in the Chicago area.

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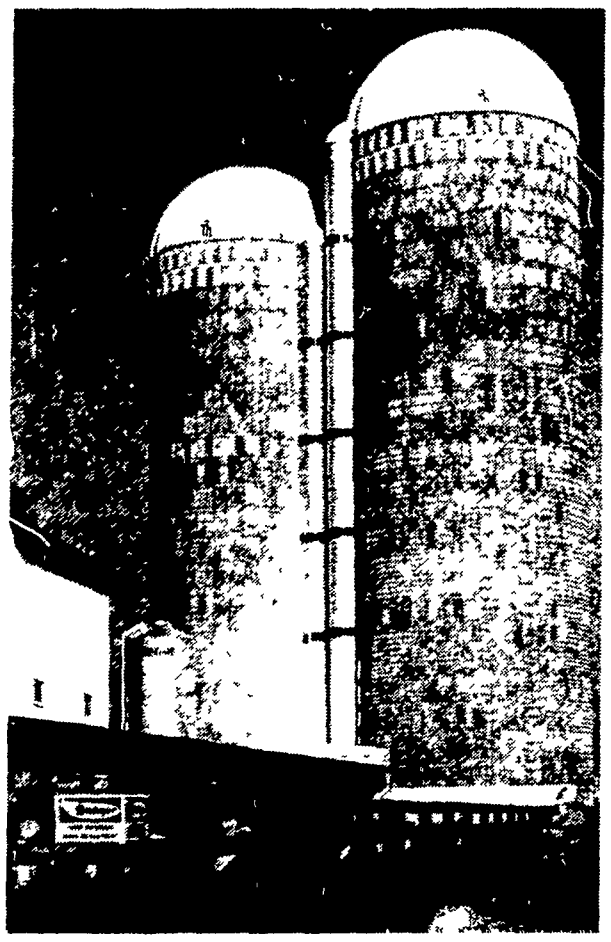

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Jared K. Tyson, right, Adams County Extension agent, state winner of a Career Guidance Award presented by the National Association of County Agricultural Agents and the Sperry-New Holland Company, receives plaque from Michael Balas, of the Sperry-New Holland public relations department. Tyson was cited for his career exploration in the area of mass communications for Adams County 4-H members.

Am. Farm Bureau annual meeting set for Jan. 8-12

PARK RIDGE, Ill. – Secretary of Agriculture Bob Bergland, Congressman John Rhodes of Arizona, and Congresswoman Mrs. Haven Smith of Nebraska have accepted invitations to appear on the program of the American Farm Bureau Federation's annual meeting. The meeting is scheduled in Houston, January 8 through 12, 1978. Secretary Bergland and Congressman Rhodes will address the General Sessions of the Federation on Monday and Tuesday respectively. Mrs. Smith will address the American Farm Bureau Women's conference on Monday afternoon, January 9.

The meeting will open on Sunday with a vesper service scheduled for 4 p.m. with Dr. John Stevens, president of Abilene Christian University bringing the message. The A Capella Chrous of the university will provide music for the vespers.

Also scheduled for Sunday afternoon is the Discussion Meet sponsored by the AFBF Young Farmers and Ranchers committee with the finals coming at 8 p.m. As part of the discussion finals there will be a recognition for the retiring members of the committee. Awards will be made also to three outstanding young farm couples selected from approximately 25 state nominees.

Monday morning's general session will feature a welcome to Texas by Govenor Dolph Briscoe, AFBF President Allan Grant's annual address and Secretary Bergland's address. Music for the morning session will be by the Murk Family of Wheaton, Illinois.

Monday afternoon will be devoted to a series of special interest conferences among these being: Farm Bureau Women, Beef Cattle, Cotton, Horticultural Crops, Organization, Poultry, and Wheat and Feed Grain.

Also Monday afternoon at 4:30 will be an open session of the Resolutions Committee.

On Tuesday morning Congressman John Rhodes of Arizona will address the convention and AFBF Chief Administrator and Secretary Richard Owens will make his annual report to the members. On the same program, awards for Distinguished Service to American Agriculture will be presented.

Tuesday afternoon will again be devoted to special interest conferences including: Dairy, Insurance Programs, Local Affairs Programs, Marketing, Natural and Environmental Resources, Rice, Soybean, Swine, and Safemark Programs.

One of the highlights of the annual meeting will be the Tuesday evening Recognition and Awards Program at which states which have made outstanding progress in several areas such as marketing, local affairs and membership will be given special recognition. Entertainment will be provided by Dale Evans, Roy Rogers, Jr. and the Sons of the Pioneers. Singer Debbie Robert and the Buddy Brock Band will also be featured in the two hour program of awards and entertainment.

The recognition and awards program will be followed by a dance with music by the Buddy Brock Band.

Thursday will mark the start of the business session of the convention with the seating of the delegates from the state Farm Bureaus. Adoption of organization policies by the voting delegates is slated to be completed by noon of Thursday. During this business session, officers will be elected for two years and elections will be held for Board of Directors vacancies.

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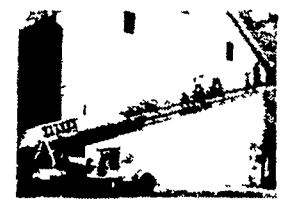

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Average meat consumption 2.9 oz. daily

CHICAGO, Ill. – There are those who say Americans consume too much red meat. How much is too much? Except for strict vegetarians, most people – and certainly not nutritionists – would not think three ounces a day is too much.

But according to the National Live Stock and Meat Board, average per capita meat consumption, cooked weight basis, is only 2.9 ounces per day.

David H. Stroud, Meat Board President, explained that most statistics showing per capita meat consumption are based on "carcass weight." On that basis the average consumption of beef, veal, pork and lamb per year amounts to over 190 lbs.

"But that's arrived at by dividing the carcass weight meat production by the number of people in the U.S.," said Stroud. "That's the weight before the bone and fat are removed which never reaches the retail counter."

"Using carcass weight is a practical method of comparing meat consumption with other commodities, which also are calculated on the raw basis," he said. "But it badly overstates actual meat consumption because processing, trim and cooking losses are not calculated."

Starting with the carcass weight figure of 192.8 lbs. per capita last year, the Meat Board estimates that actual consumption, that is, cooked, lean, on-the-plate consumption, averaged about 67.1 lbs., which comes down to 2.98 oz. of red meat per day.

Stroud said that for 1977, government and industry forecasts estimate that per capita meat consumption will be just about the same as last year's with a slight drop in beef being almost compensated for by an increase in pork. The daily cooked per capita consumption will still be below 3 oz. a day.

He said the actual consumption for both 1976 and 1977 is less than half the amount recommended by nutritionists.

"Two daily three ounce servings, from the meat group of foods, are recommended for the average adult," said Stroud. "The 2.9 ounces of meat consumed on average in this country provides about 25 grams of protein, only 44 per cent of the current dietary allowance. But meat is much more than a source of protein, providing also important B vitamins, iron and other minerals and micronutrients."

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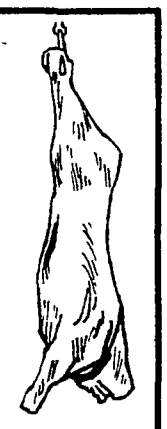

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Longwood

(Continued from Page 103)

In the Reception Suite beneath the conservatory, a special educational exhibit entitled "Christmas at Home" features decorations anyone can make. A large traditional tree is covered with ornaments made from dried plant material. Two "half" trees, one decorated all in white and the other in gold, are designed to fit snugly against a wall, saving space. Of special interest to nature lovers is a "bird tree" strung with bird seed, suet, popcorn, and cranberries. A generous assortment of Christmas arrangements, wreaths, swags, and potted topiary rounds out the display.

Holiday music fills the main conservatory from 7 to 8 p.m. every evening from Friday, December 16 through Friday, December 23, and from Monday, December 26 through Friday, December 30. The 13 concerts feature area musical groups and can be enjoyed by all visitors who purchase admission tickets to the gardens. Limited seating is available, or guests can wander through the displays as they listen to the performance.

On Christmas Day, the Longwood Organ can be heard from 2:30 to 4:30 p.m., as well as every Sunday, and also on Tuesdays and Thursdays from 1 to 2 p.m.

Longwood Gardens, recently named one of the top ten tourist attractions in Pennsylvania, is located on US Route 1, 30 miles southwest of Philadelphia. The gardens are open every day of the year. Admission is $2 for adults, $1 for children 6-14, free for children under 6. Annual neighbor passes, which make excellent gifts, are available at the Visitor Center. For more information about special holiday attractions, telephone 215-388-6741.

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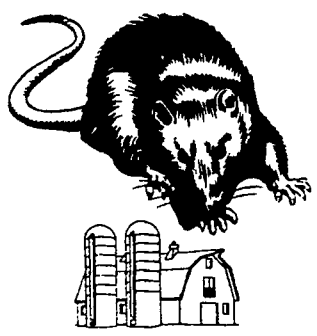

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Penn State mushroom research has long history

UNIVERSITY PARK - Research to improve mushroom growing has a 52-year history at Penn State University. The research plays a major role in perfecting the growth and processing of cultivated mushrooms, according to Dr. Lee C. Schisler, professor of plant pathology at Penn State.

Dr. Schisler said Pennsylvania mushroom growers produce 57 per cent of the nation's crop. Some 10,000 people are employed in the mushroom industry of the Commonwealth. The cash value of their product in 1976-77 was $137,000,000.

The research began in 1925 when C. Aubrey Thomas started 32 years of work developing pest control programs for the young mushroom industry. And in 1926, Walter S. Beach became the first Penn Stater to study mushroom diseases.

Development of mushroom research at Penn State is described by Dr. Schisler in a recent issue of "Science in Agriculture", the quarterly magazine of the Agricultural Experiment Station at University Park.

The first research facility, a mushroom testing house, was completed in 1928 with funding support from the Mushroom Growers Cooperative Association of Kennett Square, Pa.

Gradually, Penn State became a focal point of mushroom research and education, Dr. Schisler pointed out. Joint efforts in the industry and cooperation with scientists of the U.S. Department of Agriculture and other land-grant universities aided the expansion.

A new Mushroom Research Center was constructed by the General State Authority of Pennsylvania in 1960. Funds for equipment came from industrial sources. An addition was completed in 1974.

Development of grain spawn, a quality product used as mushroom "seed," brought significant changes to the mushroom growing industry in the early 1930's. The developer was James W. Sinden of the faculty. Several patents were obtained on the Sinden Grain Spawn Method in 1932 and 1933.

Since then, the spawn laboratory at Penn State has been responsible for over half of the mushroom stock for the nation's spawn plants. Dr. Schisler indicated this laboratory has been a significant factor in strain selection and increased yields

The average commercial yield of mushrooms, in pounds per square foot of bed planted, has increased from 1.5 in the 1940's to 2.9 pounds in 1976-77.

"This increased efficiency can be attributed largely to Penn State's mushroom research and education programs," Dr. Schisler affirmed.

He attributed such efficiency to (1) synthetic compost, (2) forced air ventilation systems, (3) low temperature, phase II composting of the growing medium, (4) nutrient supplementation of compost, (5) machine spawing or seeding of mushroom beds, (6) a pest-management program based on a biological foundation, and (7) development of a new fungicide to control certain diseases of mushrooms.

Another research project, Dr. Schisler said, has shown that loss due to shrinkage in canning can be reduced at least 10 per cent.

By 1971 the College of Agriculture had developed and put into operation a Mushroom Test-Demonstration Facility. With this equipment a mechanized production system and flow-type design saves both time and labor in growing mushrooms. Components are integrated by equipment to control the enviroment. Composting materials are introduced at one end and mushrooms and spent compost come out at the other end.

"This labor-saving approach results in nine instead of three crops per year. An annual harvest of 40 pounds per square foot compares with a traditional yield of nine pound," the Penn State scientists stated.

As in any unique industry, mushroom growers have faced a series of crises. In the 1960's, cheap labor import products from Formosa brought concentrated efforts by Penn State personnel to improve production methods and to develop additional markets for mushrooms.

In the 1970's, a scare brought about by a precautionary Food and Drug Administration recall was a temporary threat to the canned mushroom market. Penn State faculty members "came to the rescue" in responding to calls for aid from individual mushroom growers as well as officials of the American Mushroom Institute and the Mushroom Processors Association.

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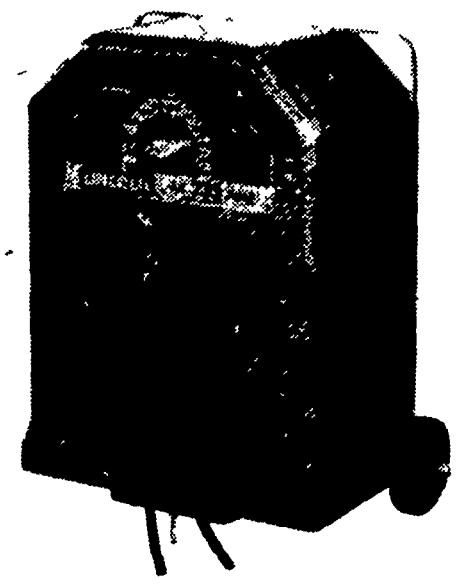

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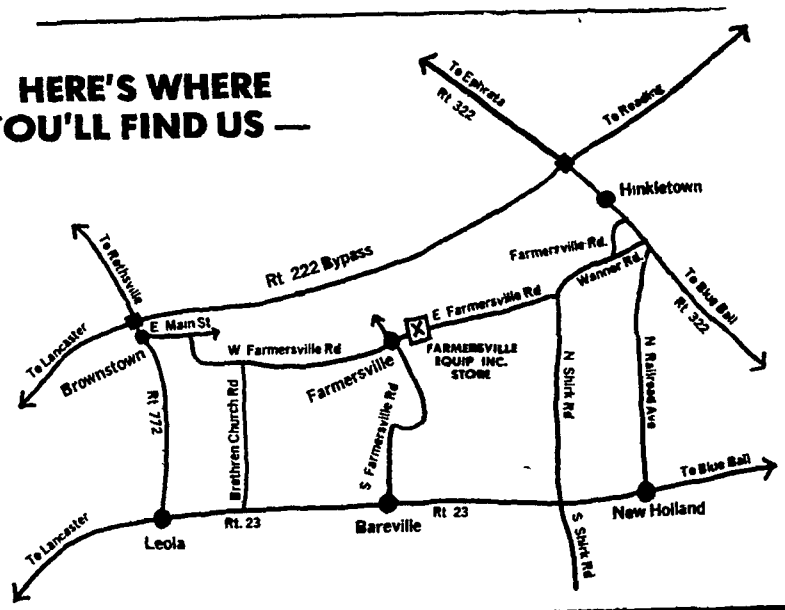

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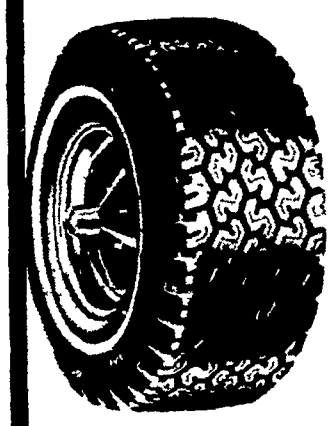

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Bigger barn

(Continued from Page 95)

when feed vehicles drive through. Manure alleys are 11½ feet in width. "When this barn was designed, different people wanted to sell me on the idea of narrower alleys," Williams remembered. All of his dairy animals are housed indoors at all time, and he therefore prefers roomy facilities. Floors in the new barn were designed to be skid-proof. "I wouldn't want to be without that," the dairyman noted.

One item Williams is doing without is an automatic scraper. Considering them to be a costly machine requiring high maintenance, Williams prefers to clean the barn using a skid loader. Manure is scraped into a centrally located gutter, from which the droppings are mechanically conveyed into a holding pit, and finally into a Slurrystore.

Should automated mechanical scraping mechanisms be desired at a future date, Williams had his floors designed so that they can be easily installed.

A change Williams would make if he had to build his barn over again would be to install the feed trough bars at an angle instead of directly vertical. He also wouldn't install fibreglass doors again since his cows have a habit of licking them until holes appear.

The new loose housing facility is naturally ventilated and is generally 10 degrees cooler during the Summer than outside air. While last Winter's harsh cold was an exception, the barn generally stays warm enough to not have water pipes freeze. Manure freezes on very cold days.

To help boost production to even higher levels, Williams is considering fans over his feeding area so that cows might be persuaded to go there to keep cool during the Summer and take in a little more feed while they're there. "If they eat more, they produce more," deducts Williams.

The Williams herd is milked in a 14-stall rotary parlor equipped with DeLaval Model 200 milkers. Unconcerned about the length of time it takes to milk his herd, and noting that it varies according to the number of fresh cows, first-calf heifers, total production, etc., Williams is primarily interested in the amount of milk he gets in his bulk tank. He has two men milking.

The young dairyman, who received his initial farming experience while spending Summers on his grandfather's farm, markets nearly all of his milk through his modern dairy store. Processing and bottling is done right at the farm. Although this marketing channel has demanded greater investments, more work, and extra book work, Williams sees no reason why a dairyman shouldn't be entitled to better potentials for profits. As a member of the National Farmers Organization (NFO), he makes no excuses for his aggressive views on agricultural economics.

Grown to the size operation which he's presently satisfied with, Williams now wants to "fine-tune" it. Among other goals, he will concentrate now on raising all of his own herd replacements. It's a plan which is already underway. Calves are housed in a near hospital-like facility which was formerly the old dairy barn. Heifers and dry cows are kept in the old barn as well.

Farming 1700 acres to feed his 450 head of Holsteins, Glen Williams of Walnut Port R1 believes in doing things in a big way.

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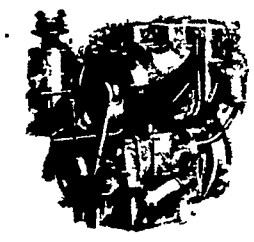

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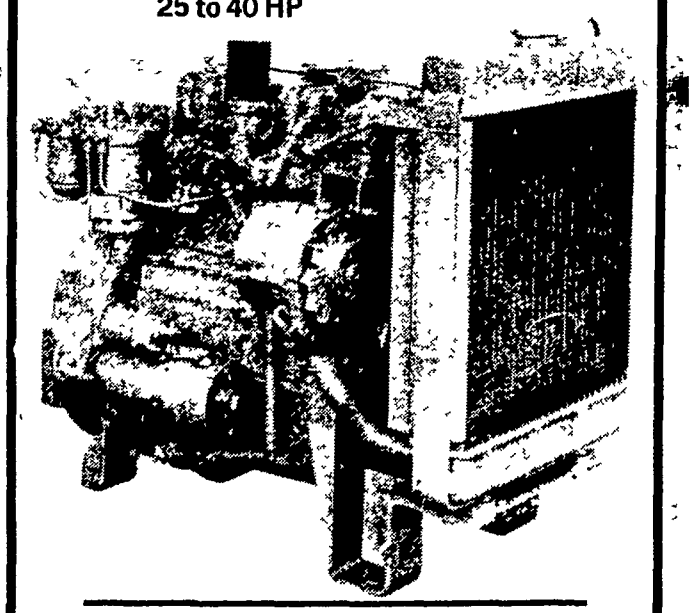

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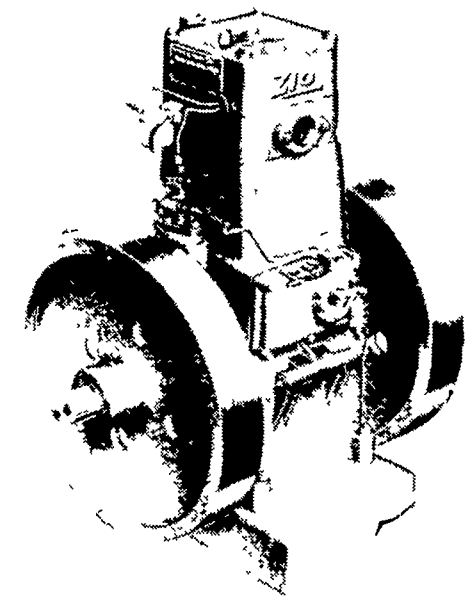

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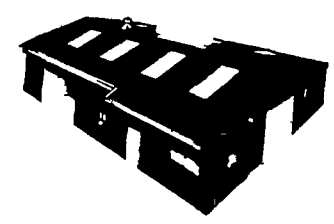

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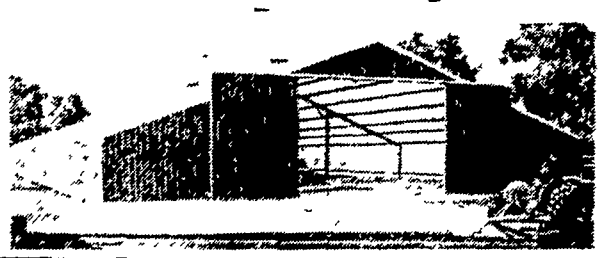

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Toy tractors

(Continued from Page 100)

ctor in a straight line y. No zig-zagging or s-ing llowed.

Another no-no is using any pe of adhesive substance ch as liquid tire chain, uid rosin, or glue on the es for traction. And, no dio-controlled tractors are lowed in competition.

There are four different visions in the pull—stock, t rod, super stock, and ur-wheel drive pick-up uck. Although the four ary in rules and gulations, one standard pplies to them all – all must riginate from models 1/16th scale.

These 1/16th scale models hen equipped for pulling osts about $125 a piece. (The gear reduction driveline costs $90, alone.)

The various weights cost $5, and an engine can run as high as $25.

And, once you get involved, you can count on going through more than one engine per tractor.

"I've gone through eight engines since January, a puller from Lehigh County said, recently. "And I'm on my second tractor. I probably have $400 invested here."

Why put all that money into toy tractors? One explanation is that it's the way for an average person to participate in tractor pulling. Since large tractor pulling requires many hours and thousands of dollars to start and maintain, mini-tractors are the cheapest way to still enjoy the sport.

Who takes part in these pulls? The same people who would take part in a large tractor pull.

At recent competition in Lancaster County the average age was from 21 to 35 years and all participants were male.

However, according to Jim Crabb, the 1976 president of the National Micro-Mini Tractor Pullers Association, "It's also a sport kids can get involved in."

So, no matter what your age, if you have a model tractor just gathering dust in a toy chest somewhere and you have a hankering for tractor pulls, here's your chance to get involved.

Chemical cleared pond of algae

STRASBURG - Those reliable rains that help bring good harvests each year caused trouble for C. Henry Breneman of Strasburg R1.

His 10-year-old recreation pond, built as an ASCS project, and stocked with bass and bluegill, yielded a good crop of filamentous, rooted algae. When he used Cutrine, a chelated copper sulfate, control didn't last long because of dilution.

"There always seems to be adequate rainfall right around here," he says. "My pond measures one-and-three-tenths acre by six foot average depth. It drains about 40 acres of upland, and it gets excess from the spring that supplies water for the barn and two houses."

His son, Larry, and family live in the two-story farm house. Higher up on the hill, Breneman, who lost his wife a year ago, lives in a new ranch style home. He sells chemicals, seed, and fertilizers for P.L. Rohrer and Brothers of Smoketown.

That pond is important to the Brenemans. It's fenced off from nearby cattle and the grassy banks are mowed for 15-20 feet around. There's a dock, a 16-foot boat, and seven-horsepower motor.

It was first stocked with 75 fingerling bass and 300 fingerling bluegills. Although the bass eat young bluegills, Henry likes to fish the bluegills hard because they reproduce so fast. Some of those tempting bass measure 22 inches, he says. But the fun goes away when the algae comes.

Last year he discovered that the chemical Aquazine had been newly registered for control of nuisance algae and weeds in ponds. In April he mixed the powder with pond water to form a slurry, and tossed in bucketsful from several places around the shore.

"In a few weeks the algae were cleared up," says Breneman. "That might have done the job for most ponds, but of course mine gets so much drainage that I treated it two more times. I made sure to apply it before the algae growth covered 10 per cent of the surface, to reduce the chance of too much decaying matter depleting the dissolved oxygen needed by my fish.

"The fishing stayed good. I was able to do a better job at less cost with the new compound."

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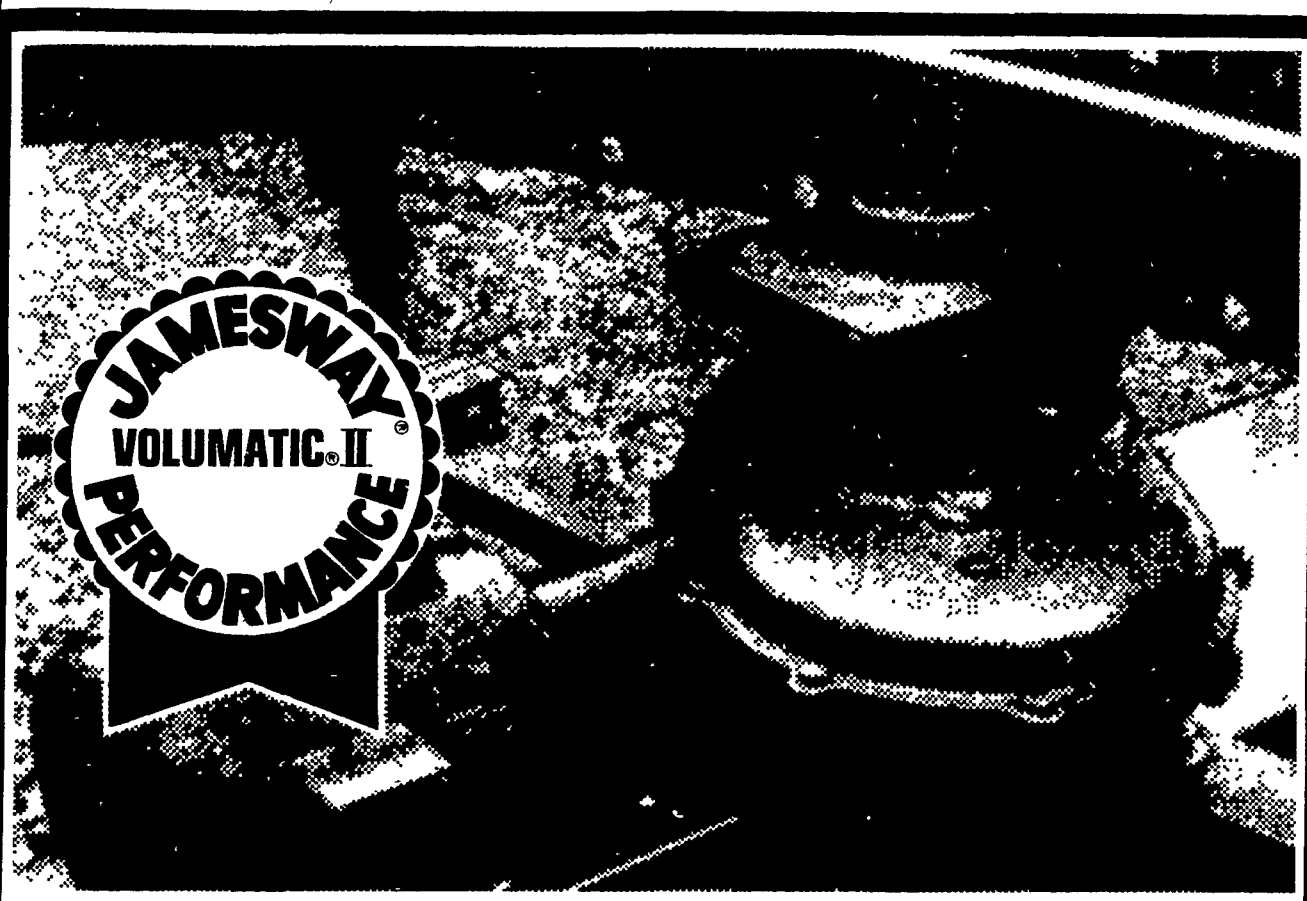

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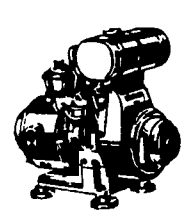
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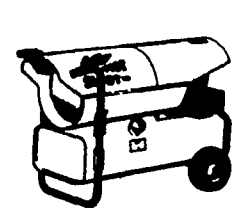
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December is farmer tax management planning time

DOVER Del. – Income tax time is rolling around again and farmers who intend to do some tax planning had better get down to the job soon. They shouldn't wait until their tax forms arrive and all changes in tax laws are known. It will be too late then to make any adjustments to 1977 taxable income, points out University of Delaware Extension economist, W.T. McAllister. There are few changes in the Tax Reduction and Simplification Act of 1977 that affect farmers directly.

Farmers have a number of tax management options. The economist suggests they consider these now, while there is still time to take certain steps which may affect their taxable income for the year.

Investment credit is one of the options to consider. This will continue at the 10 per cent level for 1977 taxes and for 1978, unless changed by a new tax law next year. This means that one doesn't need to purchase capital items that qualify for investment credit before December 31, just to get the full 10 per cent. Any purchases of this nature should be based on need and profit justification, and whether the credit is likely to be worth more this year or next. One must claim the credit in the year in which the purchase is made, explains McAllister. But unused credit can be carried back three or forward seven years.

On the subject of taxable income levels, the economist also has some advice. One should estimate his level of taxable income for 1977 and compare this with prior years and expectations for 1977. Depending on whether this year's income is unusually high or low, a person may want to make some shifts. If the taxable income is unusually large, one should pay all current bills by December 31, even if borrowing funds is necessary.

Buying ahead is another adjustment to consider during a high income year. To do this, one contracts and pays for a specified amount of necessary supplies before December 31, being very sure that the purchase is final and not just a deposit against future needs. A person should be ready to show a price break, a hedge against possible short supply or some other economic incentive for his purchase

The basic rule of the Internal Revenue Service is that there must be a valid business reason for making advance purchases. And buying ahead just to reduce income taxes is not a valid reason, points out McAllister. Reasons that are valid include: (1) has been a common practice over past years; (2) to assure a stock of critical production supplies; (3) to get a lower price; (4) other good business reasons.

Should preliminary check indicate that taxable income will be abnormally low this year, one may wish to defer certain expenses until after the first of the year. A person may also wish to advance certain sales and calculate depreciation on a straight line basis.

The goal of tax management is to even out the peaks and valleys of farm income, explains the economist. Another method of handling wide swings in year-to-year income is through income averaging, using Tax Schedule G.

Whatever one does, the first step is to calculate estimated taxable income. A person shouldn't be misled by the fact that he feels poor or flush, but use your records to determine the real facts.

The economist has prepared a helpful fact sheet on these and other tax management alternatives. For a free copy of "Tax Management by Farmers – 1977 Tax Year," contact the county Extension office in Newark, Dover or Georgetown. The publication is also available by writing: MAILROOM, Agricultural Hall, University of Delaware, Newark, 19711.

For those farmers who prepare their own income tax report, a booklet "Farmers Tax Guide" is also available at the county Extension offices.

Red meat up

HARRISBURG - Red meat production in Pennsylvania during October 1977 totaled 95.3 million pounds, up five per cent from a year earlier according to the Pennsylvania Crop Reporting Service.

Cattle slaughter at 95,300 head was up 10 per cent from October 1976. Calf slaughter at 33,800 head was down 17 per cent, hog slaughter at 244,700 head was down six per cent, and sheep and lambs slaughter at 11,200 head were down three per cent from October 1976.

Nationally, commercial red meat production during October 1977 totaled 3.3 billion pounds, down four per cent from a year earlier. Cattle slaughter was down three per cent, calf slaughter was down one per cent, hog slaughter was down six per cent, and sheep and lambs slaughter were down five per cent from October 1976.

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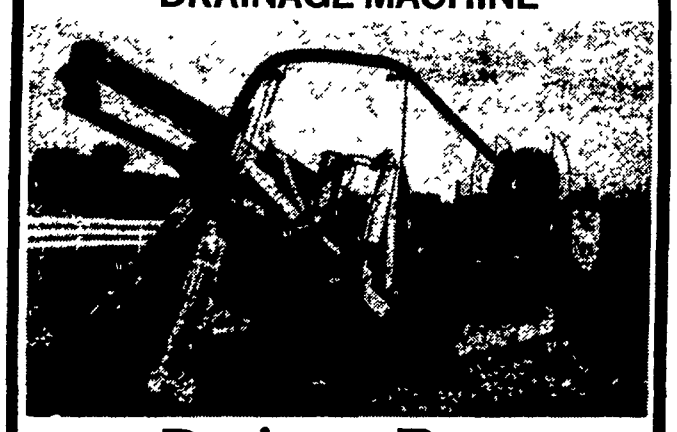

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COMPARE

Even with the conservative figures shown above, it's obvious that land drainage should top farmers' lists of investment priorities.

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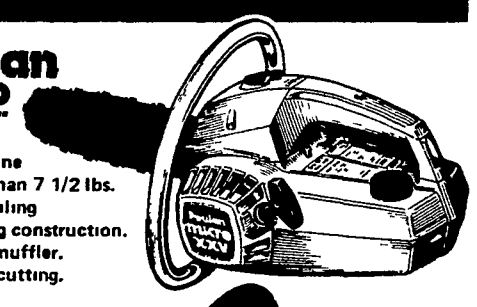

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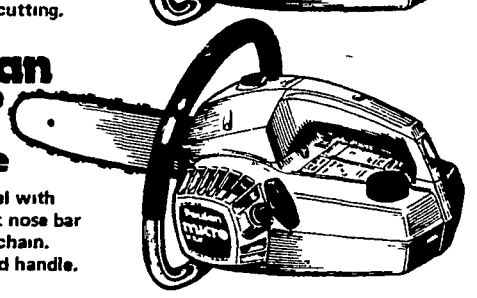

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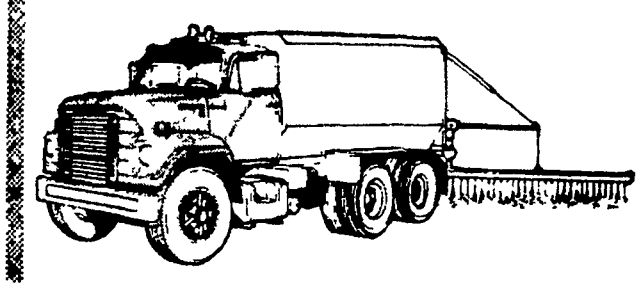

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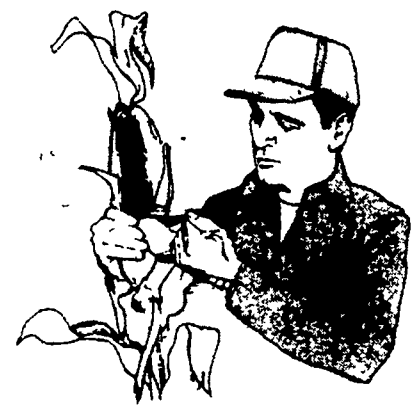

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Beef cattle management stressed to farmers

By KENDACE BORRY

EPHRATA – Beef cattle anagement was the topic scussed at the Ephrata rea Young Farmers eeting held December 6, at e Ephrata High School. dvisor Charles Ackley and red Frey, of Frey Bros., uarryville, spoke on the spects of feeding programs nd equipment necessary for peration of beef programs.

According to Ackley, who ased his talk on research one at the Michigan State University, there are several actors in management that hrough careful work, can liminate the extra costs of oor feedlot management.

The following factors were stressed:

Feeder quality and health should be good, being that a careful farmer would buy high performing cattle and have a good health program. His lot conditions would be the most economical, and have the least stress effect on his animals. Feed intake should be normal or above. For his ration formulation and feeding system, the careful farmer uses a balanced ration, with the least cost, aiming for a optimum combination of grain and roughage feeding.

A careful feeder should use both a growth stimulant and a metabolic stimulant. He works to get the best sale condition of his cattle, aiming for a low choice, yield grade of 2½ to 3½.

By following these management factors, the differences in cost between a careful feeder and a careless feeder could amount to as much as $138 per steer under optimum conditions, according to the Michigan State University's findings.

Then speaking about the two-phase feeding system for steers, Ackley explained that in this program, all corn silage is fed to the cattle for the first 300 lbs. of gain, then a mixture of 42 per cent silage and 58 per cent concentrate is fed until the cattle are finished.

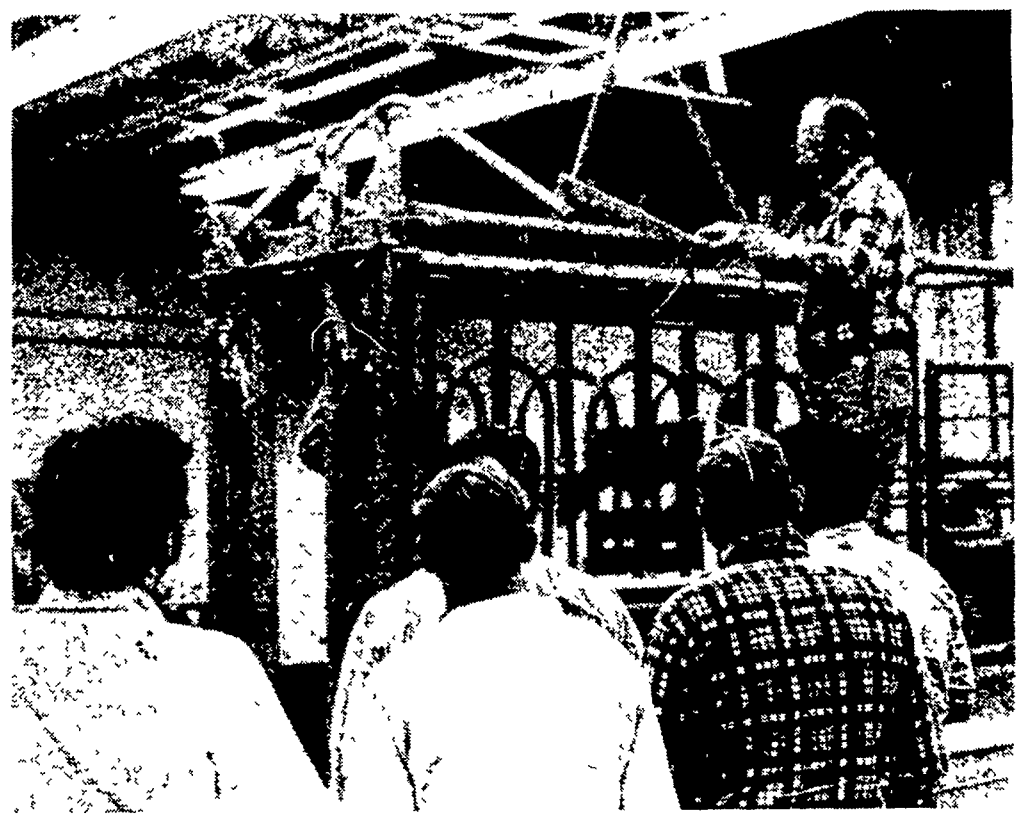
Advantages of the two-phase feeding system are said to be that the energy in the corn silage is utilized more efficiently without the added grain. Also the cattle show what is known as a compensatory growth when switched from high forage to high grain feed. In other words, they get a more efficient use of the diet when being fed during the high grain phase. It is also important to remember that the rate of gain is highest when the cattle are the heaviest, therefore the cattle will spend fewer days on feed when the maintenance requirements are the greatest.

According to results of testing the two phase feeding system, cattle provided a similar rate of gain but 1200 lbs. of less corn silage was used with the two-phase system.

It was also said that the advantages of the two-phase system will change as corn, supplement, and NPN costs change, but if a careful farmer watches the prices of his inputs, the two-phase system will never be far from being his most profitable system.

Concerning the results of starting cattle on hay, it was brought out at the meeting that research indicated that regardless of the cattle source or the method of feeding hay, there was no advantage to feeding hay to new feeder cattle. The only reason hay was fed to the

(Continued on Page 127)



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THINK BIG THIS CHRISTMAS

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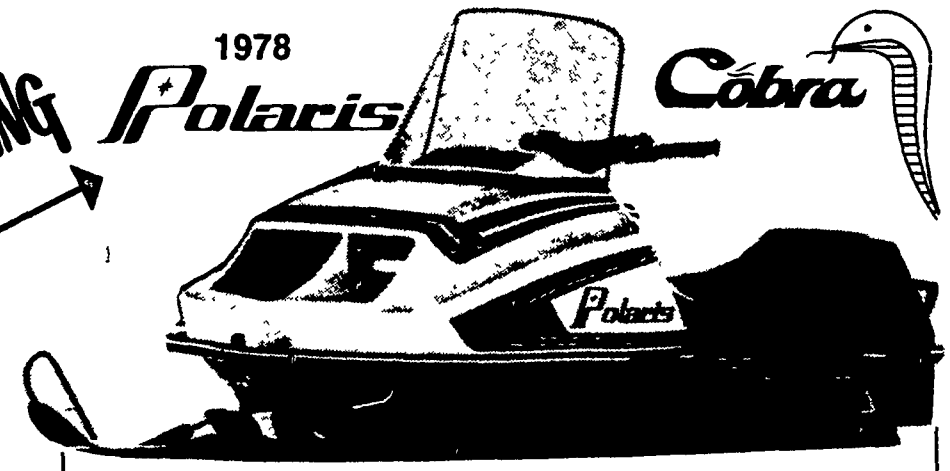
PRESENTING 1978 Polaris Cobra



Meet Cobra. The newest member of the Polaris performance family. A sleek, low-profile sled that will take two people dashing through the snow with super stability, great traction and the same dependable power inherited by every Polaris sled. Two twin-cylinder engine sizes offered - 333cc and 432cc. Catch a Cobra today in our showroom.

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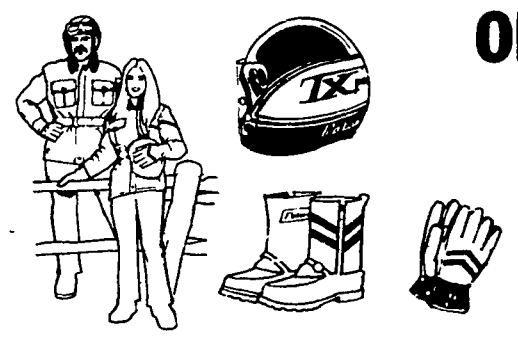
NOW TILL CHRISTMAS



Changes come rapidly on the farm

By JERRY WEBB
University of Delaware

Technological changes have come rapidly to agriculture. New methods and new machines replace the old ones as farmers struggle to make a living.

Obviously, horses and the related farm implements that were important in 1930 are nowhere to be found today. They were replaced long ago by tractors and larger machines. But it's a little frightening to look back and realize how quickly that next generation of farm tools was phased out and how many more generations there have been since then.

I was reminded of this one bright Fall day driving the back roads of Kent County, Del. I was on a picture-taking assignment when I spotted three modern day machines–all less than 25 years old–rusting in the corner of a field. From the growth of vines and weeds surrounding them and the state of the equipment, it was obvious they had not been used for several years.

There they were—a hay baler, a combine and a corn picker, the pride of agriculture only a few years ago. No doubt they had served well and had been replaced by bigger, better machines. They were rusting away in a fence row, a silent comment on the changes that agriculture has gone through.

Those three machines were the heart of some farmer's production system in the 1950's. A time when the country was at war and farm prices were at all time highs. Some of those figures still stand. Even today, unreasonably high prices are reported usually with the comment that not since the early 50's have prices for certain commodities been so high.

How quickly agriculture changes. The implements of the 30's and 40's are gone. You don't even see them anymore. The seemingly modern two-man pickup balers, two-row corn pickers and six-foot combines of the early 50's are rusting in hedge rows. And where are the machines of the 60's? Probably behind the barn where they are still scavenged for parts, or used only in an emergency.

It won't be long before a working two-row corn picker will be as rare as a double shovel. The old New Holland baler that mechanized haymaking is already only a memory.

With the exception of the tractor, no machine ever introduced to agriculture had more impact than those first small combines. Here was a machine that the average farmer could own, run himself, with no other help than maybe his wife or a son to pull the grain wagon.

His Summer no longer had to be spent cutting and shocking grain, waiting for the thresher, or working on every farm in the neighborhood so he could get a crew to thresh his own crops.

I remember well the year Dan Horton bought a combine. I had worked for him during several teenage Summers driving a tractor, riding the binder, shocking grain or pulling a bundle wagon.

The last Summer I worked for him, which must have been about 1950, he bought a combine. He didn't plan to, in fact he hated them, claimed they cost too much, wasted grain and didn't do anything that couldn't be done otherwise. But we were having a very wet Summer and Dan couldn't get his binder into the fields. When it finally did dry out he was way behind. Grain fields were past their prime for the binder and there was no way to catch up before the grain started to lodge or shatter very badly when the binder finally did arrive. So he made arrangements with a custom operator who had one of those little six-foot combines to come in and help him out.

It took only a few days to harvest everything. That was the end of threshing. Dan was so impressed he bought the follow's little combine on the spot.

That was the last year for threshing in our part of the country. Just like that, it ended. Dan threshed what grain he had cut with the binder, pulled the big machine back in the shed and never used it again. A couple of years later he traded the combine on the first self-propelled combine in our neighborhood.

The thresher and the small combine and the binder, and a lot of other equipment that served agriculture so well at the time, went to the scrap heap, the wood lot, the hedge row or wherever old farm machinery goes to die.

I suppose that self-propelled combine has gone there also, replaced by a larger model with enclosed cab, air conditioning, AM/FM/CB radio and tilting, telescoping power steering. The Farmall H and the two-cylinder John Deere tractors are gone, along with other small tractors of the time.

Agriculture has changed, and it continues to change. Today a 4-year-old combine is obsolete and must be replaced by an improved model that costs the price of a farm back when that old machinery was king. And now I'm told a 12-row corn planter is too small and will be replaced by a 24-row rig.

Suddenly, I feel very old.

Oops, we goofed!

In last week's page 1 story, "Farm Strike Generates Sympathy, Little Action," an incorrect statement was attributed to one of the interviewed farmers. In reference to those directly involved with the strike movement, the incorrect sentence read: "They have certainly done more harm than good..." I should have stated: "They have certainly done more good than harm.

We apologize for the error.

PUBLIC AUCTION
SAT., DECEMBER 17, 1977
10 A.M.
Public sale of farm machinery for Ray Dare. Located on the Shiloh-Roadstown Road, Roadstown, N.J.

ITEMS INCLUDE

Oliver model 70 tractor with cultivators; Oliver model 880 diesel tractor with 3 point hitch and cultivators; 1967 Oliver model 1750 diesel tractor (2412 hrs., with duels wheels, Year Around cab, hydra power shift); John Deere finishing harrow; Sperry Rand model 451 mower attachment; Champion potato harvester; hay rake; New Holland bailer; 3-row tomato setter; Oliver 4-bottom plow; International 2-sect. scratch harrow; bulk potato body; 16' flat wagon; Oliver disc harrow; White model 374 4-row cultivator; 2 bulk potato trucks (52 & 51 Chevy); potato grader; Brady chain beater; Iron Age potato planter; app. 1000 5/8 baskets; Haines potato seed cutter with duster and elevators; burlap bags; spring tooth rake Oliver model 77 gas tractor with dirt scoop & cultivators and too much more to mention.

AUCTIONEERS NOTE: All equipment has been kept up to date and in good condition.

TERMS: Cash - Approved Checks - Cashier's Check or Bank Letter of Credit.

Refreshments Available

Auctioneer
Bob Brooks
(609) 358-3222

HORSE SALE
SATURDAY, DECEMBER 17, 1977
At The
DANVILLE LIVESTOCK MARKET
Old Rt. 11, Danville, PA

NOTICE
SALE STARTS 2:00 P.M.

Sales will be held in the afternoon during the winter months.

CONSIGNMENTS FROM OUR REGULAR SHIPPERS
LOAD OF NEW TACK, BY BOB BIEL
HORSE SALES MONTHLY - 3rd SATURDAY
CONSIGNMENTS WELCOME
For Additional Information
Call "Bud" Snyder of Bob Biel 717-528-9823

PUBLIC AUCTION
FARM MACHINERY
TRUCK & TOOLS
WED., DECEMBER 14, 1977
10:00 A.M. Rain or Shine
Blizzard date
FRI., DECEMBER 16, 1977

Equipment removed from farm for convenience of sale.

Sale night: Van Zandt Sales and Service Co., Rt. 202-31, Flemington, NJ (3 miles south of Flemington along Rt. 202-31).

1961 Ford ½ ton pickup, 1951 Ford dump truck, Dodge ¾ ton pickup (as is), Old Army truck, Fruenhauf 40 ft. storage trailer (no wheels) Farmall Super M farm tractor, 2 Farmall H tractors, JD model A & H tractors, Case 2&3 bottom pull behind plows, 8 ft. disc harrow, 3 section spring tooth harrow, JD 2 row corn planter on rubber, JD 24 T baler (A-1), NH rolobar rake, Woods 5 ft. PTO rotary mower (pull behind), NH #477 haybine(A-1,), MH #50 combine, 1 row PTO corn picker, 28 ft. Smoker bale elevator with Knigwise motor, Harvester Handler 12 ft. elevator, 5 rubber tire farm wagons, JD spreader, twin hydraulic trailer mounted field spreader, Brock bulk grain bin, JD corn sheller, feed mixer, York rake, 500 gal. tank on wheels, Mayrath 16 ft. grain auger, 10 ft. grain elevator.

TOOLS - MISCELLANEOUS AT 10:00 A.M.

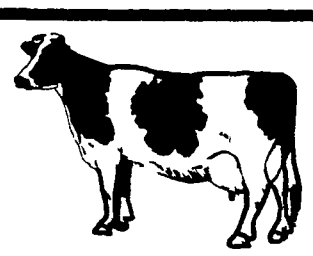
JD hydraulic cylinder, 10 ft. metal farm gate, 3 Agway water troughs, rubber tire wheelbarrow, platform scale, 1 full roll barbwire, bench arbor with electric motor, hand post hole digger, shovels, forks, etc., hand gas pump, heavy duty extension cords, meat hooks, Butcher Boy meat band saw, pot belly stove, some small tools, nuts, bolts, numerous misc. items.

Terms: Cash or Good Check

Sale by
Order of
U.S. DEPARTMENT OF AGRICULTURAL FARMERS HOME ADMINISTRATION
Cranburry, NJ

Auctioneer:
Col. John P. Kac..mar
Flemington, NJ
201-782-4271

75 HOLSTEINS & PIPELINE AT AUCTION



MONDAY, DECEMBER 12, 1977
12:00 Noon
Asbury, NJ
Blizzard Date: Wednesday, December 14, 1977

For Peter H. DeBoer, Sr. Located on the Asbury West Portal Rd., 2 miles North of West Portal, NJ, 2 miles South of Asbury, NJ. Only 17 miles East of Easton, Pa. Take Rt. 78 to Bloomsbury, NJ exit, continue to Rt. 173 East to West Portal, NJ. Follow sale arrows.

Farm is sold and this owner operated dairy will sell at auction.
12:00 Noon
Surge 77 cow SS pipeline, 6 units, pump, & auto washer.

75 HEAD GRADE HOLSTEINS, 14 head just fresh, 25 head springing, balance bred & milking well. 40 percent first & second calve heifers. A young herd, quality udders, many large bodied individuals. This dairy was never pushed with high protein feeds. Pregnancy examined. TB & blood tested. Eligible for immediate interstate shipment.

REMEMBER 50 PERCENT FRESH OR SPRINGING, BE SURE TO ATTEND.

OWNER-
PETER H. DEBOER, SR.
Ph: 201-537-2669

Sale conducted by:
Col. Fred. R. Daniel Auctioneer, Inc.
Neshanic Sta., NJ
201-369-4784

Not Responsible For Accidents
Terms - Cash Or Good Check Day Of Sale

GAP AUCTION
FRI. EVENING, DEC. 16, 1977
5:30 P.M.
Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

Selling the Mary E. Jobe Estate of Downingtown. Living room sofa and chairs, like new; large mahogany china closet with bow glass door in beautiful condition; dinette set, like new; cedar chests; book shelves; two TV's, one color set; drum table; chest of drawers; double beds; sewing machine; piano stool; magazine racks; flower stands; mirrors; picture frames; linens; bedding; nice dishes and glassware; sweeper; modern Seth Thomas mantle clock with Westminster chimes; rockers; cane chairs; old dolls; Rayo lamp; 4-10 bolt action gun; Winchester rifle; model 1903; much, much more.

This will be a nice big sale.

Inspection Friday from 9:00 A.M. until sale time.
CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. TO 7:00 P.M.
OTHER DAYS BY APPOINTMENT
Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

Milk slogan challenged and defended

By JOHN F. BROOKMAN
United Dairy
Industry Association

In this month of launching resolutions for the new year, let's resolve to be fair to people, products and principles. And if lifestyles, competitive foods and operating maxims disagree with our current beliefs, let's strive to be objective.

From this corner, I resolve to keep the record straight for milk.

What set me off?

A copy editing suggestion by a syndicated columnist to change the "You never outgrow your need for milk" theme to "You never outgrow your need for calcium."

Even though milk supplies three-fourths of our calcium, I think the new copy approach is indicative of current attitudes. It smacks of today's literal interpretation of too many things that seem designed to take all the fun out of life.

More than 16 years ago, when American Dairy Association proudly pronounced that "you never outgrow your need for milk", it was accepted by consumer and scientific "publics." Today, this premise is challenged by some literalists who contend that "you" means each and every one of us.

Today, we live in a label-conscious society where flights of fancy are grounded and poetic imagery is suspect. No longer can we say that a particular dairy product "stays with you and not on you." Even though that copy approach is designed to show the satiety value of a dairy food, it isn't specific enough.

Servings must be specific too. For example, you must say one serving (4 ounces), provides so many calories or grams of fat or protein or whatever.

Specifically, my grandmother couldn't tell you all those things, but her chocolate cupcakes tasted great! Nor could she give you the recipe with exact ingredient amounts.

What ever happened to a pinch of this or that? What ever happened to imagination and "poetic license?"

If this trend continues, operatic arias sung by wounded suitors will be short, poetry will disappear and our label-oriented citizens will judge cartons, cans, packages, and program listings by the first item, its size and whether or not it's in bold type.

From this corner, I fondly remember the Popeye cartoons ' "Toot, Toot." I watched his courting of Olive Oyl disrupted daily by Bluto, the villain.

But Popeye ate his spinach, became instantly strong and won the cinema reel battle.

Did that encourage me to eat my spinach?

Certainly, it did.

Did Popeye make me brave enough to fight the bully in the next block after I had eaten my spinach?

Of course not.

I never believed that Popeye was transformed from mite to mighty by a can of spinach. I did believe it was good for him, and me.

What ever happened to the "good old days," or weren't they really "good?"

Popeye, where are you?

PUBLIC AUCTION

DOZER - ROTOMIST
SPRAYER - 4 TRUCKS
EQUIPMENT & TOOLS

The undersigned company, having completed several large demolition contracts, and reducing their inventory, will sell the following on the premises, Vale Landscaping, 304 Watervale-Carr's Mill Road (where Vale Road crosses over the Bel Air bypass), Harford County, Bel Air, Maryland (Vale. Road is off of Md. Rt. 24, Rocks Spring Road, at Bel Air Memorial Gardens) on

SAT., DECEMBER 17, 1977
At 9:30 A.M.

Dozer and Equipment: John Deere 1010C, 4 cylinder diesel crawler w/3 pt. hitch and model 212 hydraulic 4-way angle dozer and blade; John Bean model 100 rotary mist sprayer, seat and all hydraulic control w/R10 - 2 piston pump - Hurrican Jeep engine w/electric start, mounting for truck or trailer; Gravely tractor-powered back hoe, all hydraulic 3' digging depth w/14" bucket; Brillion 5' - 3 pt. hitch seeder w/2 boxes; Danhuser 3 pt. hitch post hole digger w/auger; 3-3 pt. hitch York rakes w/guide wheels, 4 ft. - 6 ft. - 8 ft; Blackhawk ground saw (ditch digger) - 36" deep, 4" wide; 3 pt. hitch sod cutter w/ weight; Model 700L 7½ ton Ramsey wench for truck w/ bumper and cable; Odel asphalt spreader - 8 ft. - 10 ft. truck mounted; Giant Vac 7½ h.p. Coler engine - 8" intake and 4 out; 8' Easy Flow New Idea line and fertilizer spreader; 4' Gandy line and fertilizer spreader w/tractor hitch; Gravely power tractor snow plowp 2 - 10' Valkflared angle snow blades for truck or grader w/hydraulic shocks; 2 mountings for 8 and 12' blades; 3-30" high heavy duty snow blades - 8 ft., 6 ft., and 5 ft., - all angles and w/skids, (5 ft. blade would fit a tractor loader); Ford 6 ft. angle dozer blade w/frame and cable lift; 2 - 50 gal. barrel spray caft w/ hose and trailer hitch; 2 man portable post hole digger w/ auger and engine; small air compressor and cart; Shallow well pump w/motor; industrial furnace vacuum cleaner; P.T.O. hydraulic pump; P.T.O. water pump; 2 trailer axles w/tires; Lambert 26" leaf and lawn sweeper w/tractor hitch; Goodall lawn edger, Model 10 BT, w/gas engine; 6' pull type roller; 2 ft. lawn aerator; 6 ft. x 6 ft. trailer; 3 hydraulic pumps and tank; sumbergeable jet pump; 8 ft. TEE-WEE snow mobile trailer w/winch and ball hitch; Salaminder heater; 50,000 B.T.U. ceiling mounted gas heater; 2 - 100 ft. hose reels, John Beene; 4 ft. Simplicity rotary mower (Lawn Lord); 6 used 3½ h.p. rotary lawn mowers; gas space heater; 2 sheep shears, Stewart: 40" sweepster; other items.

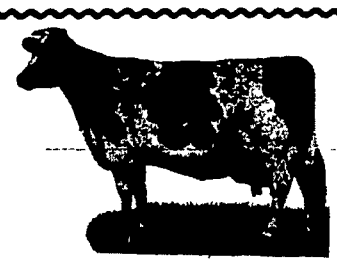
Trucks and Power Equipment: 1966 International Load Star cab over engine, 2½ ton truck - 345 V8 gas engine w/20 ft. steel bottom and steel header body w/4 ft. sides; 1962 Jeep model FC170, 1 ton, truck w/10 ft. bed, 4 wheel drive, rear dual wheel w/Valk hydraulic lift and 2-way angle snow blade; 17 ft. single axle, Fruehaul, telescoping dump trailer, type 12; 1966 Chevy, 2½ ton truck, model 60 Viking, V8 engine w/Snyder 18 ft. van body (dry); 1963 2½ ton Diamond T model 22 truck w/12 ft. dump flat bed and 4 ft. sides; 12 ft. dump body, steel; 40 gal. gas truck tank; 15 used truck and pickup tires; 8 ft. state truck body w/rack, 4 prs. of hydraulic dump telescoping lift cylinders, hydraulic pumps and tanks; 18 h.p. Wisconsin gas engine w/clutch and pulleys, running condition; 5 h.p. Briggs-Stratton engine w/reduction gear; 30 h.p. Wisconsin engine and reduction transmission; rear mounted A frame for pickup truck w/post and winch.

Tools Inventory and Misscellaneous Equipment: 3 gas tanks - 550,275, and 175 gal. w/2 pumps; 12000 red and white stone face bricks in 500 lots; 5,000 slate shingles; 250 ft. 2" perforated plastic drain pipe; roll new 4 ft. woven wire; roll of barbed wire; fiberglass and terracotta drain pipe, 4" - 6" 12"; 10 - 4 ft. linels; reinforcing wire; 500 ft. of ¾" heavy duty water hose; 20 ft. of 3" suction hose and strainer; 20 ft. corregated steel 18" drain pipe; 1 length of railroad track, 30 ft.; 2 - 12 ft. x 6 ft. steel skid pans; 6 ft. x 5 ft. mortor box; 100 ft. 1" high pressure hose 1,000 psi; 1 ton of 10-6-4 fertilizer; 1 ton Bakers dolnite lime; chain vise; 12 sets of snow chains, truck and pickup; 1 set 28" weed tractor chain; 7 - 10 gal. milk cans; 5 h.p. electric motor; 4 railroad jacks; 4 hand grease guns; 3 buckets assorted pipe fittings; 20 wooden shutters; asorted log chains; 22 gal. hot water heater; 2 - 20 ft. 4" x 6" angle steel; 6 large brass valves; 10 ft. 16" flex suction hose; 2 - 10 ft. 6" steel drain pipes; pipe lift; 15 ton of used bricks; truck mirrors; hydraulic hoses; lot of angle iron; 3 basement cloumns; 50 window sashes; 30 ft. steel fire ladder; assorted heavy duty and light wire cable slings; exterior mercury vapor light; complete 2 bales of baler twine complete; beer kegs; and many other items.

Not responsible for accidents Day of Sale
TERMS: Cash or Personal Check Day of Sale/All Items Sold As Is

VALE LANDSCAPING CO. ENTERPRISES
304 Vale Rd.
Bel Air, MD 21014
Auctioneer
William H. Amoss
Complete Auction and Appraisal Service
2037 Pleasantville Road
Fallston, Maryland 21047
Phone: 877-7005 or 838-3000

SHORT NOTICE
DAIRY HERD
DISPERSAL



THURS., DEC. 15, 1977
At 10:30 A.M.
Just off Rt. 73 between Boyerstown & Oley, turn north on 1st blacktop west of Pleasantville in Oley Twp., Berks Co., PA.

76 Holstein cows fresh, close fresh & close springers, approx. 30 of these animals are registered blood lines such as Elevation, Arlina Chief, Astronaut, plus other outstanding breeds. Lots of these cows are milking 70 to 80 lbs. few up to 100 lbs. DHIA herd average 16,166 milk & 566 lb. of fat. Animals have been TB & Bangs tested & pregnancy checked by Veterinarian.

Reason for sale—help situation.
Terms—Cash or check, day of sale.

Sale ordered by
PAUL E. LABE

Sale conducted by
Ralph W. Zettlemoyer
Auction Co.
Tele. (215) 285-4616

CONSIGNMENT SALE

MON. DEC. 19, 1977
9:30 A.M.

CONSIGNORS WELCOME

TURN YOUR MACHINERY INTO CASH

CONTACT US NOW!

WENGER'S
FARM MACHINERY INC.
S. RACE ST., MYERSTOWN, PA.
17067
PH: 717-866-2138

AUCTION

COMPLETE LIQUIDATION OF HARDWARE, BUILDING SUPPLIES TRUCKS, & EQUIPMENT, LAWN & GARDEN TRACTORS ETC.

MON., DECEMBER 19, 1977
9:30 A.M.
Located on corner of N. 5th Ave. & Chestnut St., Royersford, Pa., known as the Hay Press.

TRUCKS

1955 Ford 1500 gal. tanker; 1960 Ford 2000 gal. tanker; 1955 White 2500 gal. tanker; 1965 Chevy 11,000 GVW 1 ton; 1966 Chevy utility body plumbing truck, 1 ton, etc.

LAWNMOWERS

2 New 1975-76 Model 85, 8 hp, elec. start, Massey Ferguson; 1 used 4 ft. sickle bar for IH or John Deere Haban; 1 used 1964-65 IH Cub Cadet, Model 100, 10 hp with 42 in. mower & elec. start; 1 used 1946065 Cub Cadet Model 70 with 38 in. mower, elec. start; 2 New Massey Ferg. riding mowers, Model 832, recoil start.

HARDWARE, BLDG. SUPP., ETC.

Stoves, fireplaces, elec. saws & drills, lumber, elec. fixt., plumbing fixt., small tools, nails, hinges, paint, ceil. tile, lime, fertilizer, etc., etc.

An unusual opportunity to buy at your price.

By order of
OEHLERT BROS. OIL CO., INC.

Aucts.
Clay C. Hess &
Richard Moyer
Collegeville, Pa.
(215) 489-7127 or (215) 948-8050

PUBLIC SALE

OF GARAGE EQUIPMENT TOOLS - TRUCK GASOLENE ENGINE

SAT. DEC. 17, 1977
9:00 A.M.
On premises in Ono along old Route 22 Lebanon Co. Pa.

1939 Chevy stake truck w/wrecker, crane, 5 H.P. Waterloo gasolene engine, floor model drill press (no motor) drill press stand, drill bits, wheel balancer, Sun motor tester, riveter, plug cleaner, Sioux valve refacing machine, 2 floor jacks, Bishman Sav-lift (air), battery charger, hydraulic jacks, acetelene outfit, welding rods, 1 h.p. air compressor, air hose, portable air greaser, Wolfs portable greaser (manual), grinder w/motor, bench grinder, Bear headlight tester, metal drums w/pumps, bench vise, anvil, D.B. chain saw, elect. saw, elect drill, chain hoist, chains, floor creepers, hand greasers, tool boxes, shelves, Wolfshead elect. wall clock, Burroughs manual adding machine, Coke cooler, owners, manuals for Model T Ford - 1925 Hudson - Willys Knight - 1926 Chevy & Chevy 490, parts and motor manuals (some old), 1914, - 1915 license plates, Model T Ford coil tester & coils, Ford sign; other signs, Antique car parts, motor oil, fan belts, new innertubes, used tires, parts bin, large assortment of hand tools, nuts, bolts, and many other items.

Conditions by,
JONAS M. MEYER
Atty. in fact for
Ezra G. Meyer

Auctioneers
Roy I. Ebersole & Son
Lunch on grounds

ADA says advertising is paying off

Based on a budget adequacy study the National Dairy Council (NDC) concluded that 10 cents per capita would provide adequate funds to finance an effective nationwide nutrition education program. It is generally assumed that NDC's program would result in increased sales of milk and milk products during the coming year.

UDIA and USDA recently completed an 18-month study on sales response to ADA cheese advertising and promotion in four test markets in the North, South, East, and West. Four nearby control markets were used and about one-quarter million dollars was invested in advertising, promotion and research in the test. Advertising rates were lower than for milk since earlier research has shown that cheese is more responsive to promotional investment. The rates were 3 cents 6 cents and 9 cents per capita per year.

Results of the study showed the 6 cent level brought the best return on investment. The 3 cent level didn't bring many results substantial enough to warrant the investment. At the 6 cents level, cheese sales out of grocery stores increased by 15 per cent within a six-month period. With a substained program one should expect at least 15 per cent higher sales over a length of time.

Sales results at the 9 cents level did not justify the increased expenditure.

Because only 75 per cent of U.S. cheese is sold through grocery stores, it was not possible to determine sales results in the remaining 25 per cent of the market during the promotion to sales period. However, it was calculated that extending the 15 per cent increase in sales to the 75 per cent of the market would require about 2.8 billion pounds more milk. Since this 2.8 billion pounds would not be available, prices would rise - for both Grade A and B milk - about 70 cents per hundredweight.

"The 6 cents per capita rate amounts to $13 million for our country's population of 215 million," said Dr. Quackenbush. "Of course, there is no $13 million now available to promote cheese, but there could easily be $2, $3, or $4 million from the dairy farmers of the country.

"Just as an example, one could take a 6 cent program totaling $3 million to one-fourth of our population (in selected geographic or metropolitan areas) and realize about a four per cent increase in the nation's cheese sales over what they would otherwise be. That's a 15 per cent increase for about one-fourth of our people. This would require about .7 billion pounds more milk, and would raise all milk prices about 18 cents per hundredweight.

"Eighteen cents could be a good retun on investment."

Under normal conditions, if more cheese were sold the cheese plants would be out looking for more milk to make cheese. They could pay more for milk since wholesale prices would be up. The Minnesota-Winsconsin basic formula price for Class I would rise, so Class I prices would be higher all over the country.

While ADA, UDIA and USDA were conducting the cheese promotion test they were also doing one for butter. The test was comparable in scope and size. In spite of competitive advertising campaigns for margarine in the test markets, UDIA's Economic Research Service had enough data on the margarine activity to measure its impact.

After removing the effect of the margarine activity, it appeared that butter would have responded to advertising and promotion nearly as well as cheese.

The level of parity that can be sustained is determined by a proper and delicate balance of domestic supplies and demand for dairy products. With deteriorating markets, one way that a high percentage of parity could be sustained is by diary farmers liquidating of parity could be sustained by dairy farmers liquidating themselves faster than the market deteriorates.

"If diary farmers expect that old line dairy companies are going to hold the market for dairy products, they are wrong," said Dr. Quackenbush. "The old line diary companies are now conglomerates selling glue, fertilizer, margarine, pharmaceuticals, and slimilar products where they claim they can make more money.

"The research that I have reviewed shows good returns on investments of 68 per cent, 250 per cent higher. A good businessman would go after it."

The American Dairy Association is the adversiting and sales promotion arm of the United Dairy Industry Association (UDIA), an organization financed by diary farmers and other members of the dairy industry, such as processors and handlers and equipment and supply manufacturers.

UDIA is dedicated to increasing the market for domestically produced dairy products and, thereby, increasing the income for its investing members through the most effective and efficient use of their investment in UDIA's total promotion effort. This includes the advertising and sales promotion programs of the American Dairy Association, the product and process research programs of Dairy Research Inc., and the nutrition research and education programs of National Dairy Council.

4-H club meets

The Broken Bit 4-H Horse and Pony Club met at the home of ass't. leader Natalie Kline on November 25. In addition to regular business the members enjoyed a film on conformation in Quarter Horses. It was decided to hold the club Christmas party on December 17, at the home of Natalie Kline.

NO. 1 IN CLEAN EQUIPMENT

PUBLIC AUCTION

CALL US FOR USED PARTS

CONSIGNMENTS WELCOME

MONDAY, DECEMBER 19th AT 9:30 A.M. - RAIN OR SHINE

Location: 1 mile southwest of Rte. 422 and Rte. 501 Junction on Wenger's Farm Machinery lot in Myerstown, Pa., - approx. 25 miles north of Lancaster, appro. 25 miles east of Harrisburg, approv. 25 miles west of Reading.

FARM TRACTORS

Case 2470 w/cab & air, 3 pt. w/2000 hrs.; Farmall 966 w/cab, Farmall 1206, (3) JD 830 2 cyl. diesels, JD D diesel, (2) JD 730 diesels, JD 720 D, JD 420, JD 820 2 cyl. diesel, (2) JD 4020 powershift diesels, (2) JD 3020 diesels, (2) Farmall 560 diesel, Farmall C w/loader, (4) Farmall cubs w/hydraulic, Farmall 130, Farmall M w/loader, Farmall 350 diesel, Farmall 140 w/mower, Farmall 200 w/FH, Farmall 1456, Ford 4500 w/loader, (2) AC D21 w/duals, AC C w/cult. (2) AC G's, AC D15 w/loader, AC 220 w/cab, AC 190XT series 3 w/cab, (2) AC D17's w/power steering, Oliver 1655 gas, Oliver 1655 diesel, Oliver 1650 diesel, Deutz 9006, Farmall H, JD B, Ford 5000 diesel w/4 WD., Ford 4000 diesel, Ford 8N, Ford 5000 gas, Ford 2110 w/loader & 1000 hours, (4) Ford 5000 diesels, Ford 9000 w/cab, MM G1000, MM G900, (3) Case 930, (3) Case 1030 CK diesels, MF 1130 diesel, new Longs, AC WD w/3 bottom plow, AC WD w/2 row mtd. picker, Int. B275 w/loader.

INDUSTRIAL EQUIPMENT

(2) Case 1740 diesel skid loader, Case 1816 skid loader, Owattona 1700 skid loader, Ford 340 skid loader, Michigan 175 loader w/cab, Terex 72-10 loader, Cat 944 loader with cab, Trojan 304A loader with cab, Lorain loader with cab, JD 1010 w/loader, Int. T6 dozer, Int., JD 450 w/6 way blade, Cat D4 dozer, Int. TD24 dozer, Case dozer w/winch, JD 350B w/6 way blade, JD 2010 backhoe, Long 3-in-1 backhoe, Case 530CK backhoe, Int. 3414 backhoe, JD 500B backhoe, White Oliver backhoe w/500 hours, Case 580 CK backhoe, (2) Case 580B backhoe, Sherman backhoe attach., (2) JD backhoe attach., AC HD6 loader w/ripper, Cat 955K loader w/cab, JD 450 loader, Case 450 loader w/backhoe, Case 1150 loader w/ripper, JD 350 loader w/4-in-1 bucket, Int. 100C loader, Case 350 loader w/4-in-1 bucket, Int. 150B powershift loader, JD 1010 loader, Int. TD9 loader, Leroi air compressor, Chicago 125 air compressor, Hobart part. welder, Lincoln portable welder, (7) rollers from 1 to 10 ton, Schramm air compressor, 3 pt. stone rakes, 3 pt. aeroator, sweepers, Clark 5000 lb. forklift, MF 204 forklift w/side shift, Pettibone log skidder, Clark 664 log skidder, Franklin 160 skidder w/grapple, York-Baker forklift.

COMBINES:

MF 510 QT w/cab-air, (3) MF 300's, MF 410 w/cab, Int. 203 w/cab, MF 82, NI 702 diesel uni outfit, JD 30 pull type combine, AC Gleaner F w/cab & 4x40 corn, Gleaner E III w/cab, (3) AC Gleaner E's w/cabs, JD 3300 diesel w/cab, Int. 205 w/cab, new Int. 615 w/cab, AC Gleaner C II w/cab, JD 95 w/cab & 4x30 corn, NI Uni combines.

TRUCKS & TRAILERS:

Int. single axle dump, Int. van truck, 1976 Chevy pickup, 1972 Mack DM400 diesel 10 wheel dump, 1972 Int. 4WD pickup w/snow plow, new Horse trailer for 2 horses, 5th wheel hay trailer, (12) New Tag-A-Long trailers from 4 to 18 ton.

OTHER EQUIPMENT:

JD 214T baler, AC 303 baler w/thrower, NH 268 baler w/thrower, Int. 46 baler, (2) NH PTO bale thrower ASS4, JD blower, NH 25 blower, NH 26 blower, (2) Kools recutters, Farmhand recutter, used cabs, gravity bins, corn cribs, (3) NI 2X mtd. pickers, (5) NI 1X pull pickers, NI 2X pull 30" & 40" shellers, (2) NI husking beds for pull pickers, (3) cornbinders, (4) NI 2X 30" & 40" pull pickers, (2) Oliver #5 pickers, (2) Int. 234 pickers w/12 roll beds, (20) NI-JD-Int.-MM cornshellers of all sizes, Int. & JD hay crushers, (5) cultipackers, (6) Brillion-Dunham-JD cultimulchers, (25) sets of Int.-JD-Ford-MF-AC cultivators, (4) Int. grain drills, lime drills, elevators, NH 352 feed mill, (2) NH 350 feed mills, Gehl feed mill, Wetmore feed mill, (3) hammermills, 30 grainovator, Int. offset disc on wheels, (3) Int. 480 disc's w/wings, (3) Int. 37 wheel disc's, JD BWF wing disc, JD 110 disc, (5) JD BW discs, (2) JD BW disc's w/wings, JD TWA disc, JD offset wheel disc, (5) JD KBA disc's, (4) misc. offset disc's, (6) 3 pt. disc's, Long offset wheel disc, (2) Long wheel disc's, (8) set used duals, (6) drag type spring tooth harrows, 12'-16'-18'-20' wheel harrows, Int. 550 chopper, Int. 350 chopper, (2) NH 717 choppers, NH 616 chopper, NH 818 self-propelled chopper, Gehl chopper, (2) JD 34 choppers, JD 6 chopper, Int. flail chopper, (4) JD flail choppers, Brady flail chopper, Woods 4 row stalk cutter, JD 480 windrower, (3) NI cut-ditioners, Ford loader, Int. loader, (6) misc. loaders, feed bin, 3 pt. boom poles, (3) fuel tanks w/pumps, (2) cow lick boxes, buzz saw, hume reel, Stauffer transplanter, Ford irrigation system, NH 450 sickle mower, (2) JD #5 mowers, MH sickle mower, Int. FH dyna-balance mower, (4) Int. mowers, (4) Int. 2X planters, Int. 4X planter, Int. 6X planter, (2) JD 2X planters, JD 7000 4 row planter, JD 1240 4 row planter, (3) Ford 2X 3 pt. planters, (3) AC 3X plows, (4) Ford 1 & 2X plows, (5) JD 2X plows, (5) JD 3X plows, (2) JD 3X rollover plows, (4) JD 4X plows, (3) JD 5X plows, Oliver 2X & 3X plow, Int. 3X reset, (3) Int. 2X plow, (3) Int. 3X plow, (5) Int. 4X plow, (2) Int. 5X plow, (2) disc plow, JD field cult., JD chisel plow, (2) Int. chisel plow, Graham chisel plow, AC chisel plow, Case chisel plow, (2) Athens chisel plows, (4) Post hole diggers, 1X & 2X potato planter, (3) potato diggers, potato plow, NI wheel rake, NI roll-a-bar rake, (7) misc. hay rakes, (6) 4X rotary hoes, 6X rotary hoe, 3X rotary hoe, (4) 3 gang reel mowers, Ford 8' flail mower, 4'-5'-6' pull & 3 pt. rotary mowers, Woods 14' rotary mower, Bush Hog 20' rotary mower, NI 2X stalk cutter, (5) Howard & Long rotovators, (2) Brillion seeders, (2) snow plows, JD 600 Hi-boy sprayer, (6) 200-300-400 gal. sprayers, NI 10 spreader, NI 18 spreader, Int. cub spreader, Oliver spreader, (3) NH spreader, NH tandem axle spreader, 3 pt. bale mover, Hesston 10W bale mover, Hesston 30 bale mover, (3) hay fluffers, 8 ton wagon gears, 6 ton wagon gears, bale wagons, feeder racks, Swartz 190 feeder wagon, (4) self-unloading wagons, flat wagons, lots more not listed, consignments coming in daily.

Partial listing - plan to attend this large sale - we welcome you as a buyer or seller.
Approx. Times: **10:00 A.M. Machinery Sale**
3:00 P.M. Industrial Machinery
5:00 P.M. Farm Tractors - sold inside heated building.
More machinery arriving daily that is not listed.
Sale held by:
Wenger's Farm Machinery, Inc.
S. Race St., Myerstown, Pa. 17067
Phone 717-866-2138 - days, or 717-866-7147 - nights
Food available sale day by Myerstown Church of the Brethren.
CALL US FOR USED PARTS
Auctioneers: Blaine Rentzel, Curt Howard, John Godley, Fred Goodrich, P.Z. Martin
Lloyd J. Wenger - Sales Mgr.

NOTE TO CONSIGNORS:
Turn your machinery into cash. We should have a decent market, ask about our **free** pickup service available to our consignors.

NOTE:
These items are available for private sale before December 19th, there will be many items for our sale not listed due to daily business, this is our inventory as of Nov. 7. All items sold as is with no warranty of any kind.

Milk resolves calcium deficiencies

SOUTHAMPTON - Almost two per cent of our total body weight is composed of calcium, making it the most plentiful body mineral. A 10 state study by the U.S. Department of Agriculture determined that calcium deficiency is a real problem for many people. Yet it is found in a relatively limited number of foods.

Milk and dairy products are sources, and vitamin D enriched milk helps in its absorption. Over 75 per cent of dietary calcium comes from dairy products. A lesser amount comes from green leafy vegetables, canned salmon and sardines.

For example, spinach has been recommended as a good source of calcium. But unfortunately, because of its oxalate content, much of the calcium in spinach cannot be absorbed by the body. Almonds provide calcium also. However, one would have to eat 2.5 cups (about 2000 calories worth) to get the recommended daily allowance of 800 mg. of calcium. Canned salmon and sardines provide calcium because they contain bones.

Many animals obtain calcium by eating bones. Some herbivores and many birds obtain calcium by eating pebbles or the shells of clams, oysters and other mollusks. Man is the only creature with the ability and resources to keep and breed cows to provide a constant, easy to consume source of this necessary mineral.

The sources may be few, but the functions of calcium are many. Even before birth, calcium plays an important role in body development. The formation of normal bones and blood is dependent upon its availability. Later on, tooth formation requires a healthy supply of this mineral So does normal body growth. Calcium is necessary for blood clotting. And calcium acts as a catalyst for many biological reactions. It is also needed for the transmission of nerve impulses and maintenance of a rythymic heartbeat.

While calcium is needed at all stages of life, the greatest need is between 11 and 18 years of age when the body is growing rapidly, and among pregnant and lactating women.

To assure getting the calcium one's family needs, parents should see that teenagers get four glasses of milk daily, children get at least three, and that the rest of the family has at least two, advise Dairy Douncil nutritionists. These quantities are also recommended by the United States Department of Agriculture.

HAT & GAVEL AUCTION CO.

1 Mile North of Lititz on Route 501

THURSDAY EVENING, DECEMBER 15, 1977

5:30 P.M.

Selling Household and Collectibles for Eugene Becker of Lititz.

2 Early post card albums with lots of complete sets including Roosevelt Bears, Days of the Week, Lord's Prayer, State cards, Valentine and local cards; several children's tea sets, beaded purses, German plates, flow-blue, ladles, dainty robe bed, Smoker Craft 15 ft. aluminum canoe, 8000 BTU Whirlpool air conditioner, (2) Portable G.E. air conditioners, electric sewing machine, stacking bookcase, (2) very nice empire bureaus, breakfast set, picnic table and benches, Reo 6 H.P. snow blower like new, Lawn Flite 5 H.P. riding mower overhauled last Summer, (2) 3 wheel bicycles like new, electric exercise bike, single wagon wheel bunk beds in good condition.

We are now accepting consignements for our Antique Sale, Sat., Jan. 21, 1978

WE SPECIALIZE IN PUBLIC AUCTIONS, ESTATES AND ANTIQUES

WILBUR H. HOSLER

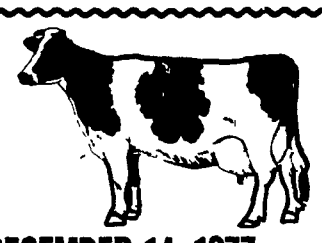
306 Owl Hill Road, Lititz

Harold K. Galebach, Partner

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION — CALL 626-0254

Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day. Postitively No More Garage Sale Leftovers Will Be Received.

GUERNSEY HERD DISPERSAL



WEDNESDAY, DECEMBER 14, 1977

AT

NEW HOLLAND SALES STABLES

New Holland, PA

35 head from Astalosh Brothers, Mercer Co., NJ. Over 30 years in the Guernsey business. Original foundation cows were all Registered but papers haven't been kept up. Mostly young cattle with lots of dairyness & mostly first, second & third calf cattle. Fresh cows, springers & bred cows are all found in this dairy. TB & blood tested for Interstate shipment. DON'T MISS THIS SALE - BE SURE TO ATTEND.

OWNER:

ASTALOSH BROTHERS

COW AUCTION

on

SAT., DECEMBER 17, 1977

At 11:00 A.M. Sharp

Albert (Pat) Hlubik, Chesterfield-Arneytown Rd., Chesterfield, N.J.

Mr. Hlubik is disposing of his herd due to his health.

122 Head of Cattle

64 Holstein Cows 3 Guernsey Cows

53 Holstein Heifers (10 are bred, 25 open, 18 - 2 to 7 mos. old)

2 Holstein Bulls (1 from Marlu Farms 1 Round Oak Rag Apple Sired)

Several springers, some fresh and balance in different stages of lactation. Quality udders and good sized cattle. Cows will be examined for pregnancy before sale time.

This herd has been accredited for a number of years.

All cows will be T.B. and blood tested.

The seller or auctioneer are not responsible for any theft, injury, or accident of any kind on sale premises.

Terms: CASH

Auctioneer
Lee Parker

Clerk
J. Maybury

Sales Manager
NORMAN PARKER
609-758-8603

PUBLIC SALE

On the farm located at 1545 Old Westminster Pike 3 miles east of Westminster, in Carroll Co., Md.

THURSDAY, DECEMBER 15, 1977

11:00 A.M.

FARM MACHINERY

3 TRACTORS 3

4020 JD Diesel Tractor - 4000 JD Diesel Tractor
2030 JD Diesel Tractor

NH 890 Forage Harvester with 3-row corn head and pick-up head, NH Blower with pipe, two JD No. 216 chuck wagons, Papec self unloading wagon (excellent condition) without running gear.

MANURE SPREADERS

Better-Bilt 2100 gal. liquid spreader, NH Model 368 barrel spreader, NH Model 512 spreader, Little Rhino scraper blade (7 ft.), JD Model 48 loader.

TILLING EQUIPMENT

JD 4-gang plow, JD 12 ft. roller harrow, JD 340 transport disc harrow, JD Model 1440 6-row no-till corn planter.

HAY & FEED EQUIPMENT

Swartz 750 Mixerwagon, 3 hay wagons with high sides, Oliver flat bed wagon, 32 ft. elevator (handles grain or hay) like new, JD hay fluffer, Magnetic feeder (app. 5 tons), JD 507 rotary mower w/cylinder, 3 pt. hitch field sprayer w/fiberglass tank, JD 6-row cultivators, 2 wooden feed troughs.

DAIRY EQUIPMENT

Cow oiler, cow chains, large number of magnets for cows to feeder, 7 DeLaval milker claws Flo-Vu NF4640, misc. items.

Terms: Cash or Bonafide check. Lunch available.

Settlement to be made in full before any article is removed from premises.

CHARLES R. & NANCY POOL

Westminster, Md.

A. DOTY REMSBURG, Sale Mgr. & Auctioneer
NORMAN D. HILL, Associate
Jefferson, Maryland
Phone: 301-473-8214

KEYSTONE FALL ROUNDUP AYRSHIRE SALE

At Guernsey Sales Pavillion along Rte. 30 four miles East of Lancaster, Pa., on

WED., DECEMBER 14, 1977

Sale at 12:00 O'clock

65 HEAD OF AYRSHIRE CATTLE

Sale features entire herd of 37 head from Kara Bright and Son, Rayland, Ohio. A good herd consisting of 25 cows, 11 young heifers, service age bull; 14 cows are fresh or close springers. Many sired by top A.I. bulls including Hi Kick Roger, Victory, Bruis, Extra Margin, Mars Classic, Star Herd and Flashy Fortune. The young cattle are sired by Anchor Mere, Ben's Beauregard – a Ben's Ace son from an Ex 92 - 17,000 lbs. daughter of Jumbo. Heifers are long legged and tall front ended much like their sire. Herd not on D.H.I.A. and handled very practically. No corn silage, moderate grain. Cows capable of high records. The balance of 65 head consists of fresh and springing young cows and bred heifers from leading herds in Pa., N.Y., W. Va., Va., Md. An excellent opportunity to acquire foundation animals and winter milk

Terms Cash - Catalogs at Sale - Cattle are tested.
Phones at Sale Barn: 717-394-2721 or 717-392-9560.

ARMOUR & HORST SALES SERVICE
Marion, Pa. 17235

Auctioneer
Ralph W. Horst, Marion, Pa.
Gary Rutter, Pedigrees, Mt. Union, Pa

Beef cattle

(Continued from Page 123)

cattle was to get them acclimated, which causes a loss of time in the feedlot. Also when the cattle are switched from hay to feed, the switch causes another change for their system, to which they must adapt. The conclusion was that hay may only be necessary when trying to attract timid, young calves to the feeding area.

Fred Frey, speaking on equipment needed for a beef operation, said that he believes the first piece of equipment that should be bought is a head gate. He said that a head gate is necessary, for a farmer must have some way to catch and treat his cattle. A head gate, he also added, will pay for itself by letting a farmer catch the "bug" of sick calves early and quickly before it spreads throughout the herd. Anyone who has 50 head of cattle or more, he stressed, should have a head gate.

Other equipment which he mentioned that added to the convenience of working with cattle included: portable corrals, gates, blocking chutes, feed blocks, grain troughs, mineral feeders, creepfeeders, and stack feeders.

Frey spoke about scales in the beef operation, saying that if used correctly, a scales can make more money for the farmer than any other piece of equipment.

According to Frey, after the cattle have been on the farm one week, they should be weighed and their weight averaged. Thirty days later, the cattle should be weighed again, and the average weight gain figured. The farmer should then figure out his poor gaining steers, which will probably be the best looking steers. These should be taken to market, sold, and replaced with better feeders.

Frey also mentioned that farms should have a place to hold incoming cattle separate from the herd for about ten days. When treating steers, he said that cattle should be moved and treated with as little stress as possible.

After the meeting, the group examined some farm beef farm equipment which had been brought in for them to see.

PUBLIC SALE

OF 82 ACRE FARM

FRIDAY, DECEMBER 23, 1977

At 1 P.M.

Located in Providence Twp., Lancaster Co. along Esh Road, from Rt. 222 take Refton Road south to Pennsy Road go right on Hollow Road to Esh Road turn right.

GROUND: 82 acres, approx. 67 acres tillable, remainder in pasture with stream, terrain level to sloping.

BARN: Large bank barn w/tin roof, 39 stanchions. cement block cow barn and large loafing area.

MILK HOUSE: 18'x18' cement block w/500 gal. bulk tank, Diesel power plant.

Silo's - 2 - 12'x50' stave.

BANK TYPE TOBACCO SHED: 56'x36' w/tin roof, first floor has 6 horse stalls, carriage shed, and attached work shop 15'x18'. Hog fattening pen 48'x88' equipped w/feeders.

2½ Story Frame Dwelling w/asbestos siding, asphalt shingle roof. 1st floor - 4 rooms including kitchen. 2nd floor - 6 bedrooms & full bath. Full basement & attic.

This farm is ready to go. 10% down day of sale. Possibility of owner financing. Inspection anytime by appt. Call Horning Farm Agency, Inc. 215-286-5183.

Terms by:

JACOB P. & LIZZIE S. ESH

Melvin Hess, Atty.

Elton & Alvin Horning, Auct.
Horning Farm Agency, Inc.
Main Street
Morgantown, Pa. 19543
215-286-5183

York Co. 4-H holds achievement night

YORK – Seventeen 4-H members received plaques for outstanding project work at the Thomasville 4-H Club annual achievement night dinner on December 3 at the 4-H Center, near Bair. Approximately 150 people attended the event.

Receiving plaques were Roy Thompson, dairy; Mike Welsh, photography; Shane Seidenstricker, sheep; Vicki Rauhauser, crocheting; Theresa Lehigh, beef; Tammy Wetzel, candlemaking; Robert Haskins, vegetables; James Roth, handyman; Nancy Eisenhart, ceramics and crafts; Joey Welsh, tractor; Joann Haskins, horticulture; Tommy Welsh, electric; Bonnie Wire, leathercraft; Michelle Lehigh, rabbits; Teresa Roser, cooking; Jonathan Myers, health; and Carol Haskins, sewing.

Project pins were awarded to Christine Wolf, cooking; Debra Wolf, dairy; Debbie Rodgers, goats; Michelle Lau, crocheting; Kristin Sponsler, crocheting; Brenda Wetzel, cooking; Beverly Eisenhart, sheep; Ronald Horn, Jr., vegetables; Diana Buffington, ceramics and crafts; and Karen Parr, leathercraft.

Paul Myers, III received a club award for his blue form.

The club presented awards to the three highest cookie salesmen in the club. First place went to Mike Welsh; second to Sandy Eisenhart; and third to Joann Haskins.

Perfect Attendance awards were presented to Beverly Eisenhart, Nancy Eisenhart, Sandy Eisenhart, Jack Parr, Tina Parr, Larry Parr, Mike Parr, Teresa Roser, Mike Welsh, Tammy Wetzel and Brenda Wetzel.

Brooke Palmer, 4-H Queen, spoke on her responsibilities as queen to the 4-H program.

New officers for 1978 were installed by Tommy Welsh, outgoing president.

County pins for National Awards program were presented to Nancy Eisenhart, home environment; Jonathan Myers, health; Mike Welsh, dairy; and Theresa Lehigh, horse.

Guests recognized for their help to the club were Mr. & Mrs. Maurice Staub, Merrill Crone and Timothy Markovits.

The club voted to give a donation of $15 to a family of the Johnstown Flood for a Thanksgiving dinner.

Paul Myers, III and Gary Welsh were welcomed home after attending National 4-H Club Congress in Chicago, Illinois.

The next meeting of the club will be held on January 24 at 7:30 p.m. at the 4-H Center. The program will be "Introduction to 4-H."

Md. livestock buyer ordered to cease violating P & S act

NEW YORK, N.Y. – Edward L. Shenk, a livestock dealer of Cumberland, Md., has been ordered to cease and desist from violating bonding and payment requirements of the Packers and Stockyards Act, the U.S. Department of Agriculture has announced.

Shenk, who purchases livestock in Maryland and in the Shenandoah Valley area of Virginia, consented to issuance of the order and waived oral hearing. He neither admitted nor denied the charges in an administrative complaint filed by USDA's Packers and Stockyards Administration.

Administrative Law Judge Dorothea A. Baker ordered Shenk to cease and desist from:

– Operating as a dealer or market agency without filing and maintaining a reasonable bond:

– Issuing insufficient funds, checks or drafts in payment for livestock; and

– Failing to pay, when due, the full purchase price of livestock.

The cease and desist order, like a permanent injunction, was issued to insure future compliance with the Packers and Stockyards (P&S) Act.

The P&S Act is a fair trade practices law. It promotes and maintains fair and open competition in the marketing of livestock, poultry and meat.

CONSIGNMENT SALE
SAT. DEC. 17, 1977
At 9:30 A.M.
Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale sign.
Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no Household Goods.
Truck load citrus fruit direct from Florida; also fish, oysters & shrimp.
We sell on Commission.
Hay & Straw Every Wednesday.
At 12:00 Noon by Harvey Z. Martin.
Sale by,
David H. Good
717-656-8911
Auctioneers: F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.
NOT RESPONSIBLE FOR ACCIDENTS.
Next Sale Wed., Jan. 4, 1978

PUBLIC SALE
OF
1937 WOODEY FORD STATION WAGON
FINE ANTIQUE TOOLS
SHOP & HAND TOOLS
ANTIQUE FURNITURE
DECEMBER 15, 1977
THRUSDAY AFTERNOON
at 4:00
Sale to be held in the Conestoga Community Building, village of Conestoga, Pa. (behind Leo Smith's Store).
1937 Ford V-8 Flat Head Woody 4 dr. Station Wagon. Delta Equip.: wood lath & cutters, 6" jointer, band saw, belt sander, table saw, jig saw, ½ - ¾ - & 1 HP motors. Lots of other shop equip. Antique Tools: axes, planes, draw, knives, chisles, augers, & lots more. 2 iron chunk stoves, parlor stove, corn sheller, rope bed, dough tray, & other antique furniture. Iron, wooden & brass articles. Oil lamps. Lots of hand, garden & shop tools. Many other items not listed. Food served.
Sale by
LEIGH B. ESHLEMAN ESTATE
Attorney
William B. Arnold
Auctioneer
Howard Shaub 464-3541
& Roy C. Probst 464-3190

Merry Christmas & Happy New Year
SPECIAL
HOLSTEIN SALE
MELVIN KOLB INC.
THURSDAY, DECEMBER 15, 1977
11:00 A.M.
At my Maryland Barn located ½ mile N.W. of Woodsboro on Rt. 550 in Frederick Co.
FREE LUNCH: for everyone: All you can eat
FREE TURKEYS: Everyone that buys a cow receives a free turkey.
150 HEAD OF HOLSTEINS HAND PICKED BY US PERSONALLY 150
There will be 75 Purebreds of the finest quality there is in the breed. Several classified and DIH records. They are the very best picked out of the top herds in Eastern United States and from the very best Bulls in the Bull studs. Some of these cows are milking up to 100 lbs. per day. First calf heifers up to 60 lbs. per day. They are from 2 to 5 yrs. old, several show prospects. There will be 50 big fancy Grade cows milking from 80 to 100 lbs. per day. 25 big fancy Grade first calf heifers. All these cows and heifers just fresh or close to freshening.
SPECIAL MENTION: A VG-87 4 yr. old Romandale Reflection Marquis daughter, as a 3 yr. 355d 17118m 3.6 619f, bred 4-24-77 to Frogmore Rag Apple Juluis, dam GP in 305 d16419m 575f, a full sister EX-90 328d 20930m 763f; 2 Paclamar Bootmaker daughters, one VG-88, fresh milking 90 lbs. per day as a 3 yr. old in 360d 15788m 3.9 632f, a 2 yr. old fresh milking 75 lbs. per day, dam record 303d 16100m 3.4 548f; A Sunnyside Noble Standout daughter GP-83; 2-4 mo. 365d 21000m 650f; 2 Citation R Maple daughters one VG-8 4 yr. old at 3 yr. 1607m 3.8 615f, bred to Life O Riley Marquis King, dam at 3 yr. 18450m 3.7 688f; A 3 yr. old 2-11mo. 305d 16567m 4.4 731f, bred to Life O Riley Marquis King; A 2 yr. old Hagemans Tempo daughter, dam EX-91 with records 5-10mo 365d 24870m 3.9 879f; A 2 yr. old Life O Riley Marquis King due Sale time, dam record 305d 15920m 4.2 668f; A Kauland R Maple Gordon 2 yr. old from a Jewel dam with 305 25478m 1014f; 2 Provin MTN Ivanhoe Jewel daughters, one at 2 yr. 305 d 18088m 604f, dam VG 379d 16340m 3.8 625f, the other 2 yr. 1892m 4.1 783f, dam VG-86 305d 21118m 890f, A 3 yr. old Paclamar Astronaut daughter fresh 11-17-77 with heifer calf Milie Betty Ivanhoe Chief, as a 2 yr. 365 d 16153m 4.5 726f, dam VG-86 348d 16919m 4.7 792f; A 2 yr. fancy Kingpin daughter; A 2 yr. old Harrisburg Gay Ideal daughter, dam GP 305d 13530m 3.8 519f; A 2 yr. Penstate Ivanhoe Star daughter, dam 378d 17831m 3.8 683f A VG-86 Simpson Farm Tidy Gent daughter 4-10 17854m 595f; A 3 yr. old Vigo Charmcross daughter GP-82, brerd to Astro as a 2-9 mo. 382d 21208m 4.0 850f from a dam 387d 20785m 815f; A 3 yr. old Fleetridge Monitor daughter a Ex. udder, bred to Collins Crest Sunshine Chief due 2-4-78, as a 2-4 mo. 295d 12694m 3.9 498f inc; A 5 yr. old Walhowdon President Vernon daughter due in Jan., as a 4 yr. 354d had over 22,000 lb. m, over 960f; A 3 yr. old Round Oak Rag Apple Elevation GP-82, bred to Hillhaven Standout Job as a 2 yr. 387d 20813m 729f from a dam 320d 19210m 741f; A VG Tidy Burke Transmitter daughter, bred 11-25-77 to Hillhaven Standout Job 3-5 mo. 339d 17524m 575f, dam 6-7 305d 19000m 4.0 752f. Also 4 stock Bulls; a Woodbine Pearl Comet dam VG-85; 2 Edeal Pinonia Matt Tippy, one dam EX-90 2E; one Paclamar Astronaut from dam GP-84. All good records on dams. Many more good Sires not mentioned. Also 2 Purebred Brown Swiss: A 2 yr. old White Cloud Doreen's Delegate; A rolling Meadows Alavic, bred to Nakota Pavanne Evile.
Several top Purebred heifer calves will be sold also.
This is a special time of the year for the entire KOLB organization. We want to thank everyone for their friendship and for patronizing us this past year. Please everyone set this date aside and come to see our great selection of fine cattle.
EVERYONE come early - get all you can eat and buy a cow and receive a FREE turkey. EVERYONE is invited.
Sincerely,
Mel Kolb
Lancaster county residents: If you need transportation to go to the sale, please call 393-7459 or 393-6891 no later than Wed. noon and someone will pick you up.
Robert Mullendore, Auctioneer
Marvin Eshleman, Pedigrees
Mehrle Wachter, Clerk
Maryland Farm
RD 1
Woodsboro, Md 21798
301-898-7720
Home Farm
621 Willow Rd
Lancaster, Pa. 17601
717-393-7459
Private sales daily at both locations
For free transportation, please phone 717-393-7459

SHOWERDALE FARMS
COMPLETE DISPERSAL
THURSDAY, DECEMBER 15, 1977 - 10 AM
LOCATED IN NO. LEBANON TWP., LEBANON COUNTY, PA. ALONG ROUTE 343. 1½ MILES NORTH OF LEBANON, 3½ MILES SOUTH OF I-78, AND ROUTE 22.
170-HEAD REGISTERED & GRADE HOLSTEINS- 170
Herd Consists Of 135 Registered, 35 Grades. Interstate Tested, Pregnancy Checked, Alternate AM-PM Records, 128 Mature Animals, 21 Due Near Sale Time. 20 Due January-February Balance In Various Stages Of Production.
SELLING:

Showerdale Golden Mimi	3y. 2m.	349 da.	19,778 M.	3.8	728 F.
Showerdale Skyway Ideal	3y 0m.	312 da.	19,001 M.	3.6	684 F.
Gem Rock Marquis Judy.	7y 5m.	383 da.	19,806 M.	4.2	825 F.
Showerdale Glamor May	2y 11m.	333 da.	18,568 M.	3.2	591 F.
Showerdale Vego Ideal	2y. 1m.	357 da.	17,351 M.	3.3	600 F.
Showerdale Semog Dunloggin	3y. 1m.	330 da.	18,707 m.	3.3	624 F.
Grade No. 81 (Incomplete)	4y. 7m.	247 da.	17,440 M.	3.7	638 F.

Sires Represented C Romandale Shalemar Magnet, Admiral Imperial Chief Collins Crest Buddy Burke, Harmony Crest Ivan Connie, Ellbank Admiral Burke Ideal, Edgewood Hall Ivanhoe Vic, Arlenda Advancer, Arlenda Astronaut
Service Sires Junell Ivanhoe, Chief Charlie, Arlenda Astrocharm, Winline Bootmaker Major Whettier Farms Ivanhoe Ace Valentine El Minuteman, Dodge View Gem
42 Heifers Sell 15 Bred Heifers 9 Yearlings, 18 Head Under 12 Months
Sale Mgrs Note This Is A Commerical Herd Cows Accustomed To Free Stall, And Milk Parlor The Herd Is Mostly Home Raised With Animals To Fit Every Need Don't Miss This Sale
SALE TO COMMENCE AT 10 A M SALE HELD UNDER COVER
OWNER
GEORGE R. SHOWERS, SHOWERDALE FARMS
Pedigrees- Dale L. Hoover
Auctioneers- Buffenmeyer & Bachman
Catalogue Request- Dale L. Hoover, 717-867-2489, Box 925, RD 4, Lebanon, Pa. 17042

Set-aside and NCA final rules announced

KANSAS CITY, Mo. – Secretary of Agriculture Bob Bergland recently announced final rules for set-aside and normal crop acreage (NCA) provisions for the 1978 programs where a set-aside requirement is proposed.

The Secretary announced the following decisions:

– Grazing will be permitted on set-aside acreage six months of the year. ASC state committees will establish a continuous six-month non-grazing period between February 28 and November 1. This period may vary by counties within a state. For acres that graze barley and wheat, the final date for Spring grazing will be the latest date that acreage for harvest is normally grazed.

– For all states, crops in the normal crop acreage (NCA) include the following: barley, field corn, grain sorghum, rice, wheat, upland cotton, oats, rye, soybeans, flax, dry edible beans, sunflower, sugar beets, and sugar cane. Volunteer acreage of those crops which are harvested for grain is included. Any of the crops grown for cover or green manure are not included.

– In addition to approved cover and practices in the proposed rules, ASC state committees may recommend other practices or cover which will effectively protect the set-aside from wind and water erosion, such as stubble or stubble mulch.

The U.S. Department of Agriculture (USDA) had asked for comments on these measures. The comment period closed on November 14.

Set-aside acreage is cropland which the producer has agreed to remove from production of crops. NCA represents the acreage of specified crops normally produced on farms. Program rules provide that whenever a set-aside is in effect for any crop, the total acreage of crops included in the NCA (as adjusted by the ASC county committees) must be reduced by the amount of the set-aside.

Set-aside programs have been announced for wheat, corn, barley and grain sorghum.

Tree prices up

ANNAPOLIS, Md.– Prices for Christmas trees this year are expected to be higher than last year's prices and trees may be in short supply according to the Maryland Department of Agriculture.

Christmas tree wholesalers in Maryland sold most of their crop early this season because of an increased demand for them. That demand was precipitated by a number of factors. One was an emergency quarantine imposed last October in 10 counties of New York and five counties in Vermont to protect pine and spruce forests and tree nurseries from a new strain of European fungus.

Other factors included high energy costs, high transportation costs and heavy losses to last winter's crop which would have been harvested this year. Pre-season price quotes this year range from $3 to $9 per tree.

If consumers buy trees from "cut your own" farms, they can expect to pay $1 to$2 dollars per foot for pine, about $1.50 per foot for fir and from $1.50 to $3 per foot for spruce trees. Those who prefer to buy pre-cut trees from a commercial lot may find flat charge prices generally ranging from $7 to $30 per tree.

PUBLIC SALE
OF HOUSEHOLD GOODS, TOOL AUTOS & COINS
WED. DEC., 14, 1977
At 10:00

Loc. along Silver Mine Road, R.D. #1 Conestoga, Pa. south of New Danville to Cramer's gas station. Take Silver Mine Rd. one mile to sale.

Frig. 2 dr. refrig., Hotpoint elec. range, 2 window air conditioners, Zenith TV, Magnavox port. TV, pot bellied stove, glass & leather top tables & other misc. furniture. Mirrors & picture frames, 1912 Lanc. Paper, Lots of books, 8 mm camera & projector, every day glassware & china, misc. household articles. David Bradley garden tractor w-harrow, Wizard rotary, Sand Rover & reel mowers. Lots of power, hand & other tools. Coins: silver dols, American & Foreign Currency. Gun: 32 ga. shotgun. Autos: 1967 Olds. Toronado, & 1965 Covair Corsa. Coins, Gun & Autos to be sold at 2:00. Food Served.

Sale by
RAY ALEXANDER

Auctioneer
Howard Shaub 464-3541
& Roy C. Probst 464-3190

AUCTION
VALUABLE POWER & HAND TOOLS NEW LUMBER, HARDWARE STATIONWAGON, ANTIQUES & FURNISHINGS WHEELHORSE RIDING TRACTOR & ATTACHMENTS FOR
DAVID & RUTH ROGERS
Frog Hollow Road
Phoenixville, Pa.

Location: On Rt. 23 West of Rt. 724, turn South on Hares Hill Rd. to Ruth Avenue, Turn West to dead end; follow parking signs.

THURS., DEC. 15, 1977
10:00 A.M.
Power Tools will be sold at 11
Auto at 12:30 P.M.

POWER TOOLS Include Craftsman 6" Wood Lathe, Bench Drill Press, Skill 16" Radial Arm Saw, 36" band saw, 14" Table Saw, Lincoln #225 Portable Welder-Generator, Oster 2" Port. Pipe Machine, 6" Bench Vise, anvil, sm. Air Compressor, & other sm. power hand tools; other related items include new & used plumbing supplies & fixtures, 1" & ½" stencil machines, misc. water pumps, 4- 8' Ind. Florescent Lamps, 40 Steel Stack bins, metal shelving, steel beams & channels, 5 ton Hyd. Jack, Mod. 1277 Wheelhorse tractor hyd. drive w/42" mower, snowblower attachment, dump cart, grass catcher, stone rake, alum. & wooden ext. ladders, 14 hp 2 cycle marine diesel engine, Power chain saw, 20 ga. H & R Shot gun single barrel; 22 cal. Bolt Action Stevens, Rifle, 2- 300 gal. Skid Tanks w/pumps, lg. lot of fin comm. radiation, old barn siding & wooden beams; 600 board feet pine lumber random length, 50 pcs. 1x10x16' knotty pine, approx. 400 used 8' 2 x 4's, 100 4"x7' core fence posts.

AUTO - 1967 Dodge Polara 9-Passenger Stationwagon, 1 owner, 108,000 miles, new rubber, 383 cu. in., air, P P S&B; 1974 Rupp Roadster 2 mini bike 4 hp, like new; 8'x20' 3 axle trailer frame.

ANTIQUES & COLLECTORS ITEMS Include sleigh, wooden wheelbarrow, 5' wd. chest original finish, wal. washstand, lg. mirror, 24 x 30 Cherry table, wicker chest, chairs, stands, dough box, cherry schoolmaster's desk, dbl. school desks, ladderback chair, trunks, blanket chests, marbletop bureau, rope bed, circa 1830 hutch 82" x 50" w/6 panel glass doors, 37 drawer notion cabinet, sm. pot belly stove, crockery, stoneware, misc. glassware & china, etc.

HOUSEHOLD FURNISHINGS & APPLIANCES Include maple Welsh Hutch Cupboard, 32"w x 74"h; 42" Maple Rd. table w/extra boards, 6 maple captains chairs; maple furniture includes 2 dbl. beds w/box spring & mattress, 5 dr. chest, boston rocker; 7'x80" plain pine hutch, full-length dressmaker's mirror, bookcases, Frigidaire Upright freezer & other sm. appliances, 21" table mod. B/W Magnavox TV, Lazy Boy Swivel rocker, apt. size Howard Vincent Baby Grand Piano; adding machine / other office equipment; A good grouping of other household items.

This is only a partial listing in each category.

TERMS - CASH Lunch

Sanford A. Alderfer, Inc.
Real Estate Brokers & Auctioneers
Harleysville, Pa. - 723-1171 & 256-8892

DAIRY COW AUCTION

Located on Farm, 1 mile west of Mt. Pleasant, just south of Summit Bridge (routes 896 & 301 & 71). 5 miles north of Middletown, Del.

MON. DECEMBER 12, 1977
At 12 Noon

83 HOLSTEIN GRADE DAIRY COWS 83

This herd consists of 30 first calf heifers in milk and due with second calf, many milking 50-60 lbs. per day, 10 cows recently fresh, 14 dry cows (springers), balance heavy in milk. T.B. and Bangs accredited & retested...(pregnancy examined).

DHIA tested approximately 13,700 lbs milk, 519 fat (individual milk weights day of sale), mature cow records up to 24,000 bls. of milk, come up to 800 lbs. fat...Artificially bred by ABC and Sire Power...

Owner
VICTOR DICKERSON
(Mt. Pleasant)
Middletown, Del.

Managers
Harry Rudnick & Sons
Auctioneer
Joseph Rudnick
Lunch

AUTOTORE'S AUCTION

SAT., DECEMBER 17, 1977
Starting At 11 A.M.

Location - 855 Lafayette Court-Hazleton, Pa. off Route 93 south on 15 Street - Turn at Jug Milk Store, go to second light (follow arrows) between 17 & 18 Streets in alley.

Al Lenhart having sold the building must sell the following at auction.

58 GMC Truck with tool box, portable 200 AMP welder w/250' leads, 2 Lincoln 150 AMP. Welders, Smith 250 AMP. welder, 2" Toledo pipe & bolt threader w/complete dies, Batman iron works combination punch & shear, (up to ½"), Walker Turner H.D. bench drill press, Rousselle #15H Punch & Shear complete for Scaffel Mfg. w/dies & jig, Roberson H.D. power hack saw, Craftsman power band saw, Hossfeld Universal bending machine complete, sml. portable air compressor, 3" air vise, 2 small H.D. bench vises, 6" jaws H.D. bench vise, twister machine to ½" steel pickets, 9" grinder-sander, 3/8" steel work tables, anvil, H.D. air hose, acealene gages & hose, 550 lbs. 1/8T 8018 welding rods, 225 lbs. stainless welding rods, app. 250 fancy railing castings w/ hardware, C clamps, bench clamps, 5/16" bolts, scrap, flat, angle, tubing capping, etc. stock, scroll machine ½" to 2", plus sml. hand tools, & many unlisted items.

TERMS - CASH

Seller-Owner:
AL LENHART

Auctioneer:
John Autotore 784-3506

ANTIQUE SHOP
LIQUIDATION
Auction

Contents of a quality antique shop to be removed to our sales room through the month of December for complete disposal

MONDAY & THURSDAY EVES. 6:30
Furniture • Glassware • China • Collectibles • Art • Children's Treasures

Birmingham Auction Center
(215) 399-1111 West Chester, Pa.

Birmingham Auction Center
Birmingham Auction Center

PUBLIC REAL ESTATE AUCTION

TUESDAY, JANUARY 24, 1978
1:30 P.M.
90 ACRE FARM

In the heart of Lancaster County, Pa.

Located 16 miles east of Lancaster, 3 miles east of Intercourse, 4 miles south of New Holland, 3 miles west of White Horse along Route 340 in Leacock and Salisbury Townships, Lancaster County, Pa.

APPROXIMATELY 90 ACRES
OF PRIME FARM LAND
80 Acres Tillage, 10 Acres of Pasture with Running Stream.

LARGE STONE HOUSE
5 Bedrooms and Full Bath Upstairs, 4 Rooms, Kitchen & Sun Porch on first level, attic and basement.
Hot Water Central Heating, Drilled Well, Cistern.

LARGE STONE BARN,
TOBACCO SHED, BUTCHER HOUSE
Lane and Driveway paved macadam.

THREE-FOURTH ACRE
BUILDING LOT

Situated along Route 340 on North-west corner of farm. This tract has been perk tested and approved (Beautifully Situated).

Will be sold same date following sale of farm.

Conditions: 10% down, final settlement by April 1, 1978 on both properties.

INSPECTION OF PROPERTIES: Saturday, December 3 or by appointment. Call 717-768-8753 or 717-768-8801.

Terms By:
H. S. LAPP

ATTORNEY:
Byler & Wenger 717-299-1100
AUCTIONEER:
Steve Peterscheim 215-869-2508

Public Sales Register

DECEMBER

SAT. DEC 10 - 9 30 A M. Caleb Wenger's, Liquidation Sale Located along Rt 272, 3 mi South of The Buck and 15 mi South of Lancaster Terms by Caleb M. Wenger. Auctioneers Carl Diller & Everett Kreider

SAT DEC 10 - 9 30 A M Public Sale of Valuable Real Estate, Farm Machinery and Personal Property Located at RD 1, Wrightsville, Pa app. ¾ of a mile from Craley on the road from Craley to New Bridgeville. Owners Mr. & Mrs. Ralph Olphin Jacob A. Gilbert, Auctioneer.

SAT. DEC. 10 - 10 A.M. Public Sale of 2 Properties and Farm Machinery. Located just West of Jct Rt 10 & Rt. 340, Salisbury Twp., Lanc. Co. Terms by M. Simon Zook. Elton & Alvin Horning, Auctioneers

SAT. DEC. 10 - 9 A.M Public Sale of Antiques, Household Goods, Gasoline Engines, Old Tools and Jewelry. Sale to be held in the Millersville Fire Hall on Charlotte St., Millersville, Pa. Sale by LeRoy Fulton Estate. Howard Shaub and Roy C. Probst, Auctioneers.

SAT. DEC 10 - 10 A.M. Public Sale of Farm Machinery. Located on the premises at Rt. 6, Lebanon, Bethel Twp., Lebanon Co. Take Rt. 343 North from Lebanon to Shirk's Shooters Supplies and turn right and follow Freeport Rd. across Swatara Creek to farm on left or take Freeport Rd. West from Mt. Zion and then North on Union Rd. Emerson Wenger, Owner. Harry Bachman, Auctioneer.

SAT DEC 10 - 8:30 A M. Sharp Montrose Inn Gigantic Auction Located in the boro of Montrose, Pa , Susq Co. on Rt 706 & 29, 25 miles South of Binghamton, NY and 30 miles North of Scranton & Wilkes-Barre, Pa Owner First National Bank of Nicholson, Pa Merton L Bunnell Auction Service

SAT. DEC 10 - 10 30 A M Public Sale of Surplus Inventory and Equipment of Hess Manuf Co Located 6 miles North of Waynesboro, Pa., between Quincy and Mont Alto along Rt 997 Hess Manuf Co , owners Ralph Horst, Auctioneer.

SAT DEC 10 - 12 Noon. Public Sale of Complete Milking Herd Dispersal Located on Thurston Rd , 2 miles from Urbana, in Frederick Co , Md Take the Buckeystown-Urbana Exit off Rt. 270 and follow sale signs. Ralph Crowder, Owner A. Doty Remsburg, Auctioneer.

SAT. DEC. 10 - 11 A M. Autotore's Auction of 1958 Truck and Misc. Tools. Located at 855 Lafayette Court, Hazelton, Pa., off Rt. 93 South on 15 St , turn at Jug Milk Store, go to second light, follow arrows between 17 & 18 St. in alley. Al Lenhart, Owner. John Autotore, Auctioneer.

SAT. DEC. 10 - 10 A.M. Public Sale of thousands of books old and new; science fiction, comic, Playboy, Life, others, and household items. Carl D. Motz Estate, Woodward, Pa., 26 miles East of State College, Rt 45. Donald F. Heggenstaller, Sr , Auctioneer. 814-349-8361 or 349-5387.

SAT. DEC. 10 - 12:30 P.M. Dairy Cattle Auction Located on the James G. Trout Farm, 10104 Dublin Rd., Walkerville, Md. From Frederick, go North on US 15 about 5 miles, turn right on Biggs Ford Rd. (Roadside Dairy Bar at intersection), go about 1½ miles, turn left on Dublin Rd. From Walkersville West on Biggs Ford Rd., 1 mile on Dublin Rd Glenn Trout, Auctioneer

MON. DEC. 12 - 12 Noon. 75 Holsteins and Pipeline at Auction. Located on the Asbury West Portal Rd , 2 miles North of West Portal, NJ, 2 miles South of Asbury, NJ Only 17 miles East of Easton, Pa Take Rt 78 to Bloomsbury NJ Exit, continue on Rt 173 East to West Portal, NJ Follow sale arrows Owner Peter H. DeBoer, Sr Auctioneer Col Fred R Daniel

MON DEC 12 - 12 Noon Dairy Cow Auction of 83 Holstein Grade Dairy Cows Located on farm, 1 mile West of Mt Pleasant, just South of Summit Bridge (Rt 896 & 301 & 71), 5 miles North of Middletown, De. Victor Dickerson, Owner Joseph Rudnick, Auctioneer

TUES DEC 13 - 6 P.M. Public Auction of Furniture, Glassware, Appliances, etc. at the Farmersville Auction at Farmersville, 3 miles East of Brownstown, Lancaster County Sale by John J. Rutt.

WED. DEC. 14 - 12 Noon. Keystone Fall Roundup Ayrshire Sale. Located at Guernsey Sales Pavillion along Rt. 30, 4 miles East of Lancaster, Pa. Armour and Horst Sales Service, Ralph Horst, Auctioneer.

WED. DEC. 14 - 10 A.M. Public Sale of Household Goods, Tools, Autos & Coins. Located along Silver Mine Rd., RD 1, Conestoga, Pa., South of New Danville to Cramer's gas station Take Silver Mine Rd., 1 mile to sale. Sale by Ray Alexander. Howard Shaub and Roy C Probst, Auctioneers.

WED. DEC. 14 - 10 A.M. Public Sale of Farm Machinery, Truck and Tools. Located at the Van Zandt Sales and Service Co., Rt. 202-31, Flemington, NJ (3 miles South of Flemington, along Rt 202-31). Sale by the order of U S. Department of Agriculture, Farmers Home Administration. Col John P Kachmar, Auctioneer.

THURS. DEC. 15 - Public Sale of 160 head Registered and Grade Holsteins. North Lebanon Twp., Lebanon Co , Pa Owner Showerdale Farms Auctioneer Earl Buffenmeyer

THURS DEC. 15 - 10 A M Public Auction of Valuable Power and Hand Tools, New Lumber, Hardware, Station Wagon, Antiques and Furnishings, Wheelhorse Riding Tractor and Attachments Located on Rt 23 West of Rt 724, turn South on Hares Hill Rd. to Ruth Ave , turn West to dead end Owners David & Ruth Rogers Sanford A Alderfer, Inc , Auctioneers

THURS DEC 15 - 11 A.M Public Sale of Farm Machinery. Located on the farm, 1545 Old Westminster Pike, 3 miles East of Westminster in Carroll Co , Md Charles and Nancy Pool, Owners A. Doty Remsburg, Auctioneer.

THURS. DEC 15 - 11 A.M. Special Holstein Sale. At Melvin Kolb's Maryland Barn, located ½ mile NW of Woodsboro on Rt. 550 in Frederick Co. Robert Mullendore, Auctioneer.

THURS. DEC. 15 - 4 P.M. Public Sale of 1937 Woodey Ford Station Wagon, Fine Antique Tools, Shop & Hand Tools, and Antique Furniture. Sale to be held in the Conestoga Community building, village of Conestoga, Pa. Sale by Lehigh B. Eshleman Estate. Howard Shaub and Roy C. Probst, Auctioneers.

THURS. DEC. 15 - 10:30 A.M. Short Notice Dairy Herd Dispersal. Located just off Rt. 73 between Boyertown & Oley, turn North on 1st blacktop West of Pleasantville in Oley Twp., Berks Co., Pa. Sale order by Paul E. Labe. Sale conducted by Ralph Zettlemoyer Auction Co.

THURS. DEC. 15 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Auctioneer Wilbur H. Hosler.

FRI. DEC. 16 - 8 P.M. Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theater or ¾ mile West of breeding unit. Charles C. Myers, Owner

FRI. DEC 16 - 12 Noon. Stocker and Feeder Sale at the Lancaster Stockyards, Inc , Lancaster, Pa.

SAT. DEC. 17 - 9:30 A.M. Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa Watch for sale sign. F. Snyder, R Martin, C Wolgemuth, J. Fry, and L Horst, Auctioneers

SAT. DEC 17 - 1 P.M. Special Horse Sale at the Danville Livestock Market, located Old Rt 11, Danville, Pa Owner Bob Biel

SAT DEC 17 - 10 A M. Public Sale of Antiques, Household Goods, Tools, Auto and Coins. Located along Scotland Rd , RD 4, Quarryville, East Drumore Twp , Lancaster Co , Pa (just South of Quarryville Presbyterian Home, turn right onto Scotland Rd about 1 mile to sale) Sale by Alice Morris Estate Howard Shaub & Roy C Probst, Auctioneers

SAT DEC 17 - 9 30 A.M. Public Sale of Farm Machinery and Household Goods. Located on the premises in South Annville Twp , Lebanon Co , along Rt. 322 East of Fontana and app 3 miles West of Rt 72. Conditions by Howard and Fern Schwenk. Harry Bachman, Auctioneer.

SAT. DEC. 17 - 9:30 A.M. Public Auction of Dozer - Rotomist Sprayer, 4 Trucks, Equipment and Tools. Located on the premises of Vale Landscaping, 304 Watervale-Carr's Mill Rd. (where Vale Rd. crosses over the Bel Air bypass). Harford Co., Bel Air, Md. Sale by Vale Landscaping Co William H. Amoss, Auctioneer.

SAT. DEC. 17 - 9 A.M Public Sale of Garage Equipment, Tools, Truck, and Gasoline Engine. On the premises in Ono along old Rt. 22, Lebanon Co., Pa. Conditions by Jonas M. Meyer, Atty. for Ezra G. Meyer. Roy I. Ebersole & Son, Auctioneers.

SAT DEC 17 10 A.M Public Sale of Farm Machinery for Ray Dare. Located on the Shiloh-Roadstown Road, Roadstown, NJ. Bob Brooks, Auctioneer

SAT DEC 17 - 11 A M. Cow Auction Located at Mr Albert Hlubik's home, Chesterfield-Arneytown Rd , Chesterfield, NJ Sale by Albert Hlubik. Lee Parker, Auctioneer.

MON DEC 19 - 9:30 A.M. Consignment Sale of Farm Equipment by Wengers, Inc , South Race St., Myerstown, Pa. just off Route 501 and 422 in Myerstown

MON DEC 19 - 9.30 A.M Public Auction of Complete Liquidation of Hardware, Building Supplies, Trucks and Equipment, Lawn and Garden Tractors, etc. Located on the corner of North 5th Ave. & Chestnut St., Royersford, Pa known as the Hay Press. Sale by the order of Oehlert Bros. Oil Co. Inc Clay C. Hess and Richard Moyer, Auctioneers

TUES DEC 20 - 1 P.M. Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Pa.

FRI. DEC. 23 - 1 P.M. Public Sale of 82 Acre Farm. Located in Providence Twp., Lancaster Co., along Esh Rd., from Rt. 222 take Refton Rd. South to Pennsy Rd., go right on Hollow Rd. to Esh Rd., turn right. Terms by Jacob P. & Lizzie S. Esh. Elton & Alvin Horning, Auctioneers.

Sale reports

The Liseter Farm Guernsey Dispersal was held December 1 at the Guernsey Sales Pavilion, 6 miles east of Lancaster, Pa.

25 cows and 75 heifers were sold with 17 head being bought by Kenneth Renner, Dalton, Ohio.

The top animal sold was a 3 year old, fresh in September, "Liseter Door Flasher" was bought by Peter Witmer, Willow Street, Pa. for $1400.

The 2nd high animal was consigned by Raymond Goeringer, Tunkhannock, Pa. Marvin Miller, Strasburg, Pa. paid $1300 for "Walma May Rose Princetta".

She was managed by Pa. Guernsey Breeders' Ass'n & the Merryman Co.

HUNTERS SALE BARN, INC. held their weekly sale December 5 at Rising Sun, Maryland.

COWS: High Choice to Prime 25.50-26.25; Good to Standard 24.25-25.50; Utility 23.75-24.00; Cutters 21.75-23.00; Canners 15.50-20.75.

CALVES: High to Choice 140-180 lb. 57.00-61.00; Good to Choice 120-140 lb. 40.00-44.00; Standard to Good 90-110 lb. 32.00-39.00; Utility 70-85 lb. 29.00-35.00; Low Utility 65-75 lb. 18.00-24.00.

FEEDER PIGS: $20 to $24 by the head.

HOGS: 175-200 lb. 28.50-30.50; 210-275 lb. 30.50-36.00.

Sale Mgr. and Auctioneer, Norman E. Hunter, Pres.

PUBLIC SALE

OF ANTIQUES HOUSEHOLD GOODS TOOLS, AUTO & COINS

SAT. DEC. 17, 1977

At 10:00

Loc. along Scotland Road, R.D. #4 Quarryville, East Drumore Twp., Lanc. Co., Pa. (just south of Quarryville Presbyterian Home; turn right onto Scotland Road; about 1 mile to sale)

1966 Plymouth Fury II, Whirlpool upright freezer, Coldspot 2 dr. refrig., Kenmore gas stove, Maytag wringer washer, port. TV, Electrolux vacuum. Dry sink, 2 butter churns, plank bottom chairs, cherry 4 leg dropleaf table, spool washstand, 3 pc. maple bedroom suite. Walnut, mahg , oak, uph. & metal furniture. Wooden, tin & iron articles. Crocks & jugs, Rayo oil lamp, 5 pc. wash bowl & pitcher set, Fine art glass pitcher & glasses set, German, blue, carnival, pressed, Jap., Noritake, hobnail, blue willow, ironstone, amber, depression & other good glassware & china Household articles Misc tools Coins 1926 2½ dol. gold piece, Silver dols & other silver coins Coins to be sold at 2 00 Food served

Sale by

ALICE MORRIS ESTATE

Atty
Paul F McKinsey
Auctioneer
Howard Shaub 464-3541

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 13, 1977

6:00 P.M.

In Farmersville, 3 mi East of Brownstown, Lancaster Co., PA.

Household goods and appliances from two households who are moving, received too late to advertise.

We sell on commission

Call: **JOHN J. RUTT**

717-354-5095

Consignments being accepted for our Annual New Year's Sale on January 7

PUBLIC SALE

FARM MACHINERY HOUSEHOLD GOODS

SAT., DEC. 17, 1977

9:30 A.M.

Located on the premises in South Annville Township, Lebanon County along route 322 east of Fontana and appx. 3 miles west of route 72.

INTERNATIONAL 544
Gas row crop with 3 pt. hitch
Int. 460 gas row crop tractor
350 row crop gas with power steering
Int. 350 gas utility with
34U loader with attachments
INTERNATIONAL 101
SELF-PROPELLED COMBINE
with 10' grain platform
INTERNATIONAL EQUIPMENT

450 auto. reset plow; 311 plow; 130 pto manure spreader; 100 fast hitch mower; 44 A corn planter; and 234 2 row mounted corn picker. New Holland 275 baler with elect. control thrower; New Idea 402 side rake; Bush Hog 2820 transport disc harrow; Hesston PT 7 mower conditioner; New Idea 7x16 wagon with bale box; Gehl 8x18 6 ton wagon with bale body; Grove 8x16 5 ton wagon with bale body; 2 pto dump wagons; 2 Kielbros. gravity wagon with 5 and 6 ton running gears; Mohawk 5' rotary mower; 10' Chattanooga cultipacker; 10' Brillion transport harrow; Little Giant 32' elevator; John Deere 13 disc grain drill; crop sprayer; New Holland auger blower with pipe; Little Giant corn drag; 6' fast hitch blade; dual wheel dump trailer; 16' x 4" auger; 11' x 4" auger; 16' x 6" auger and New Holland 33 chopper.

13 x 38 x 28 tire chains; 16' grain elevator; 12' Harvest handler elevator; feed wagon; 40' wooden extension ladder; horse plow; pump trough; grind stone; asst. of chicken equipment; barn foggers; 2 Sunbeam clippers; feed cart; SS tub; scythe; new 1 HP motor; scalding trough; 8 bale twine; hydraulic cylinders; platform scale; hog troughs; stock tanks; fencing; asst. of tools and many other barn related items.

500 gal. Mojonnier bulk tank with 3 hp comp. and washer Universal 4 unit glass and SS pipeline for 40 cows with washer and pump.

Appx. 20 tons good mixed hay appx. 45 tons straw Anvil; blacksmith vise; handy man jack; used Int. tractor parts; wooden work bench; 10 - 100# suitcase weights; hand augers; 16' wooden bunk; electric and battery fencers and other items.

10 cu. ft. upright freezer; pine desk; 2 clothe racks; 3 pc. bedroom suite; 12 x 12 rug; 2 chests of drawers; pole light; vanity and bench; old Child's crib; 5 pc. breakfast set; 3 metal cabinets; old books; wooden benches; 2 butcher benches; Duo Therm heatrola; arm chair; 2 school desks; cracked dinner bell and other household items.

Sale order: household goods; small barn items and farm equipment.

Conditions by

HOWARD & FERN SCHWENK

717-867-1443

Auctioneer: Harry H. Bachman

Lunch by Annville Church of the Brethren

Public Sales Register

DEC 23 - 1 30 P M Pig Located at the minster Livestock Auc- Westminster, Md 48-9820

DEC 30 - 12 Noon er and Feeder Sale at the ster Stockyards, Inc , ster, Pa.

JANUARY

S JAN. 2 - New Year's Day que Auction at the ersville Auction located at ersville, 3 miles East of nstown, Lancaster Coun- ale by John J. Rutt

N JAN. 2 - 9 A.M. Public of Modern Butcher & e Equipment, and Trucks at 3655 Orkney Rd ½ North of Mountville, Pa Rt. 30 turn at Hollinger Garage Between Silver ings & Mountville, W npfield Twp. Sale by Nace ality Meats C.H. gemuth, Auctioneer.

D. JAN 4 - 9 30 A.M. Con- nment Sale located ½ mile th of Route 23 on North ple Ave. in Leola, Lancaster unty, Pa Watch for sale n Tractors, Farm chinery, Horse Drawn Im- ments, New Tools and Hard- re Sale by David H. Good. Auctioneers F Snyder, R Martin, C. Wolgemuth, J Fry, L Horst.

FRI. JAN. 6 - 1 P M Machmer's Complete Herd Dispersal, Produce and Milk Equipment Located 3 miles Southwest of Canton, Pa , Tioga Co Paul H & Emma E. Machmer, Owners D.O Rockwell & Assoc

SAT. JAN 7 - Public Sale of Farm Implements & Household Goods Located 2 mi. North of village of Bowmansville, in Lancaster Co Sale by Robert E Fisher. Auctioneers LeRoy S & Paul W. Horst

SAT JAN 7 - 10 A M Public Sale of Antiques and Household Goods Location Going North follow Rt 472 North from Rt 1 to Spruce Grove Rd , turn West, cross reservoir twice, turn right at stop sign, then take first paved road to right, School House Lane, turn left onto dirt road, first farm on right Going from Quarryville, 4 miles South on Rt. 472 West, 1 mile on Noble Rd , left to Ground Hog Lodge, thru covered bridge, turn left first paved road, second place on left Sale by Rodney, Pamela and Sylvia Charlesworth. Auctioneers Lloyd H Kreider and Randall B Kline

SAT. JAN. 7 - 1 P M Higley's Complete Herd Dispersal, Machinery & Equipment Located 13 miles Southeast of Canton, Pa., 1 mile East of Shunk, Pa., 8 miles West of Estella, Pa., Sullivan Co., ½ mile off Rt. 154 Darwin and Phyllis Higley, Owners D.O. Rockwell & Assoc

WED JAN. 18 - 9 30 A M. Consignment Sale located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster County, Pa Watch for sale sign. Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware. Sale by David H. Good Auctioneers F. Snyder, R. Martin, C Wolgemuth, J Fry, L Horst

THURS. JAN 19 - Horst Machinery Sale at Marion, Pa Ralph Horst, Manager

SAT JAN 21 Harold Culbertson Farm Equipment Dispersal, near Chambersburg, Pa Ralph W Horst, Auctioneer.

SAT JAN 21 - 10 A M Antique Sale at the Hat & Gavel Auction Co located one mile North of Lititz along Rt. 501. Auctioneer Wilbur H Hosler

TUES JAN 24 - 1 30 P M Public Sale of 90 Acre Farm in Lancaster Co Located 3 miles East of Intercourse, along Rt 340 Terms by H S Lapp Steve Petersheim, Auctioneer

TUES JAN. 24 - 1 30 P M Public Sale of 90 Acre Farm in Lancaster Co Located 3 miles East of Intercourse, along Rt. 340 Terms by H S Lapp Steve Petersheim, Auctioneer

THURS JAN 26 - Hall and Love Farm Equipment Dispersal, near Shippensburg, Pa Ralph W Horst, Auctioneer

SAT JAN. 28 - 12 Noon Sharp. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don and Walt Keister, owners Larry Long, Auctioneer

FEBRUARY

SAT FEB 4 - 11 A.M Harlan M. Martin - Hackman Rd , RD 1, Ephrata, Pa Horning Farm Agency, Inc. Elton & Alvin Horning, Auct.

THURS FEB. 9 - Public Sale of Farm Equipment Located West end of Long Lane Rd , 2 miles off Rt. 625, midway between Terre Hill and Matinsdale, app 1 mile East of Martindale in Lancaster Co , Pa. Sale by Ivan M Hurst LeRoy S Horst and Paul W Horst, Auctioneers

SAT FEB 18 - 2 P.M Public Sale of Real Estate. Located on Wissler Rd , Voganville, Pa Sale by Fred C Zuercher Nevin Z. Martin and Lewis B Groff, Auctioneers.

MON FEB 20 - 10 A M Public Sale of Farm Machinery & Tools. Located adjacent to the Borough of Biglerville, Pa on Rt 34 (Gettysburg to Biglerville Rd) Owners Fred & Betty Baker. Auctioneer C David Redding

WED. FEB 22 - Public Auction of Complete Line of Outstanding Farm Machinery located along Koser Road, RD 3 Lititz, Pa. Take Route 501 North of Neffsville, Pa ½ mile West of the Lancaster Airport Sale by August and Evelyn Suess. Sale conducted by J. Omar Landis Auction Service, J Omar Landis and Jay M Witman, Auctioneers

THURS FEB 23 - Horst's Machinery Sale at Marion, Pa Ralph Horst, Manager

FRI. FEB. 24 - 12 P.M. 100 Head of Holstein Dairy Cows and Dairy Equipment Located 1 mile South of Churchtown, along Boot Jack Rd , Lancaster Co., Pa Sale by Samuel K Ringler. Frank and Paul Snyder, Auctioneers

SAT FEB 25 - 10 A M Public Sale of Farm Equipment, Household Goods Located 1 mile South of Churchtown, along Boot Jack Rd , Lancaster Co., Pa Sale by Samuel K Ringler. Frank and Paul Snyder, Auctioneers

MARCH

FRI MAR 3 - Public Sale of Complete Line of Farm Equipment and Hay, Straw and Corn Sale by Clair M Hershey, Nottingham, RD 1, Pa Auctioneers Everett Kreider and Carl Diller

SAT MAR 4 - 9 A M Annual Bart Twp Fire Co Sale Located in Georgetown, Bart, Pa.

SAT. MAR 4 - 9 30 A M Public Sale of Full Line of Farm Equipment and Tools Located along Rt. 54, 4 miles East of Danville, Northumberland Co., Pa Walter R Newswanger Estate Nevin Z Martin and Lewis B Groff, Auctioneers

MON. MAR 6 - 11 A M Public Sale of Farm Equipment and Household Goods. Located 5 miles East of Elizabethtown along Sunny Burn Rd Sale by Raymond Miller Auctioneers Rufus Geib and Raymond Miller

MON MAR 6 - Public Sale of Farm Equipment Located 2 miles North of Leola on North Brethren Church Rd Sale by Phares W Hurst John E and Paul E Martin, Auctioneers

FRI MAR 10 - 10 30 A M Public Sale of Registered Holstein Heifers and Farm Equipment, Hay, Straw and Corn Located between Mt Joy and Marietta, along Long Lane Sale by Thomas Wivell Auctioneers Raymond Miller and Rufus Geib

SAT MAR 11 - 10 A M Public Sale of Farm Machinery located 4 miles South of Oxford at Chrome, turn East on Greenhouse Road, 1 mile. Sale by Scheffler Bros Lloyd H Kreider and Randal V. Kline, Auctioneers

MON. MAR 20 - Public Auction of New and Used Farm Equipment and Tractors by M M. Weaver & Sons, Inc , Groffdale Road, Leola, Pa. John E and Paul E Martin, Auctioneers

THURS. MAR. 23 - 10.30 A M Public Sale of Outstanding Line of Farm Machinery and Household Goods located 2 miles Northwest of Manheim along Earhart Road Sale by Arthur D and Mary Kathryn Wenger, Manheim RD 6, Pa. Sale conducted by J. Omar Landis Auction Service, J Omar Landis and Jay Witman, Auctioneers.

THURS. MAR 23 - 5 30 P.M Kempton Community Sale, North Berks Co. Household Goods and Antiques. 12 Auctioneers.

FRI MAR 24 - 12 Noon. Kempton Community Sale of Household Goods and Antiques, North Berks Co 12 Auctioneers

SAT MAR. 25 - 9 A M Annual Tri-County Quilt Sale at the Farm Show Building, Harrisburg, Pa

SAT. MAR 25 - 9 A M Kempton Community Sale of Small Items, Lawn and Garden Equipment, Farm Equipment, 4:00 P.M. Sewing Material, etc North Berks Co 12 Auctioneers

WED MAR. 29 - 6 P M Kempton Community Sale of Cars & Trucks, all Tractors, sale held inside, North Berks Co 12 Auctioneers

MAY

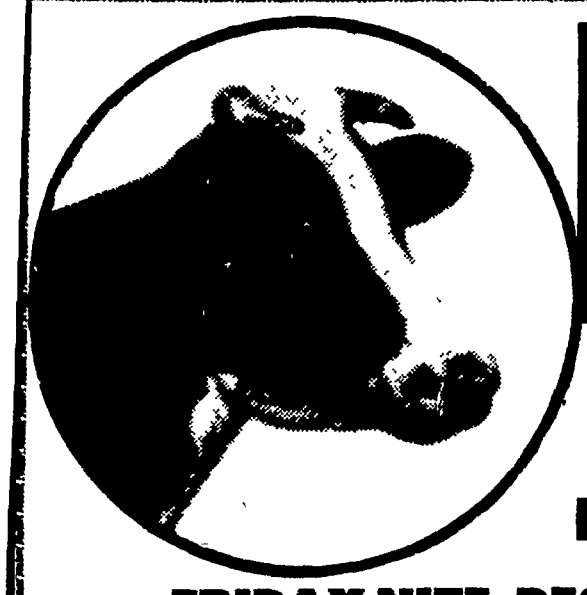
SAT. MAY 6, 1978 - Bratton Charolais Ranch Production Sale at the farm, McVeytown, Pa Sale Manager Buzz Garey, 100 Walnut Lane, Morrisville, Pa. 19067

JUNE

SAT , JUNE 10 - Reynolds Charolais Ranch Dispersal Sale Merion and Patty Reynolds, Kathy, Chris; at the ranch, Allen, Texas. Sale managed by Buzz Garey, Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, Pa

PIGS

STATE GRADED SALE
FRI., DEC. 23
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD
Phone (301) 848-9820



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HENRY KETTERING, Pedigrees
PARK MYERS, Sales Manager
ROBERT LAWRENCE, Cashier

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have a nice weekend...

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